

Certificate Of Analysis

JEU DE BOULES 6 BALLS IN BAG



Report number 491720030-274902-1

Print date: 2018-09-10

Applicant:	Koopman International
Country:	The Netherlands
Article description:	JEU DE BOULES 6 BALLS IN BAG
Item number:	491720030
Order number:	274902
Date of article received:	August 31, 2018
Testing Completed:	September 10, 2018
Order type:	Purchase Order
EAN code:	8719202474282

Conclusion: Passed

The test results only apply to the tested specimens

Signed for and on behalf of Koopman International B.V.


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Koopman International BV has a verified Bureau Veritas procedure of Laboratory Testing and a Bureau Veritas verification of REACH compliance. The test itself and the associated report is reviewed by Koopman International BV.



**BUREAU
VERITAS**



Summary of tested parts.

Part(s) description:

black fabric film piping
black fabric inner grip
black fabric lining
black fabric outer grip
black hard plastic body
black plastic rope
black plastic zipper
black plastic zipper puller
brown carton inner lining
card
metal ball
red plastic piping
red plastic pointed body
white elastic plastic card holder
white plastic foam

(The test results for the above part(s) are found at the next pages)

	Result	Units	Spec rule	Min	Max
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Part description: metal ball

Heavy metals content

according to: Restriction of Cadmium EU/494/2011 & Danish BEK no. 856 of September 5th 2009 on lead.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299, measured with XRF

Cadmium	10	ppm	Result <= MAX		100
Lead	0	ppm	Result <= MAX		100
Chromium	11030	ppm	Result <= MAX		1000000
Mercury	0	ppm	Result <= MAX		100

Part description: card

Heavy metals in wood and paper

according to: Packaging and Packaging Waste Directive 94/62/EC, heavy metals content.

testing conditions: NPR-CR 13695-1 & 111/54/CDV & IEC 62321

Packaging (sum of Cd, Pb, Cr and Hg)	80	ppm	Result <= MAX		100
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Part description: white elastic plastic card holder

PCN

according to: POP COMMISSION REGULATION (EU) No 519/2012

testing conditions: Thermal Desorption & GC-MS analysis

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

Phthalates

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

	Result	Units	Spec rule	Min	Max
DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000
DAP	0		Result <= MAX		1000000
DIBP	0		Result <= MAX		1000000
DBP	0		Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEHP	500	ppm	Result <= MAX		1000000
DIHpP	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000
DIHxP	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: Thermal Desorption & GC-MS analysis

DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0
Isodrin	Not Detected		Result < MAX		1.0



	Result	Units	Spec rule	Min	Max
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1,0
Dieldrin	Not Detected		Result < MAX		1.0
HBCDD	Not Analyzed		Result <= MAX		50
44 DDD	Not Detected		Result < MAX		1,0
44 DDT	Not Detected		Result < MAX		1,0
Endosulfan Sulfate	Not Detected		Result < MAX		1,0
Methoxychlor	Not Detected		Result < MAX		1.0
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK

Benzo a pyrene	Not Detected		Result <= MAX		1000000
Anthracene	Not Detected		Result <= MAX		1000000
Anthracene oils and pastes	0	ppm	Result <= MAX		1000000
Coal tar	0	ppm	Result <= MAX		1000000

SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
12 Dichloroethane	Not Detected		Result <= MAX		1000000
Furan	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
Ethylene Glycol Diethyl Ether	Not Detected		Result <= MAX		1000000
Dimethylacetamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
123 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylenedi o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarbolic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphtalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
Hydrazine	Not Detected		Result <= MAX		1000000
Propylene oxide	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligoment reaction products	0	ppm	Result <= MAX		1000000
A-PDFO	Not Detected		Result <= MAX		1000000
PFOA	Not Detected		Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Boric acid	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
perboric acid, sodium salt	Not Detected		Result <= MAX		1000000
Sodium peroxometaborate	0	ppm	Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
UV-320	Not Detected		Result <= MAX		1000000
DOTe	0	ppm	Result <= MAX		1000000
MOTe	0	ppm	Result <= MAX		1000000
DOTe + MOTe reaction mass	Not Analyzed		Result <= MAX		1000000

PCB
 according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014

testing conditions: Thermal Desorption & GC-MS analysis

Chlorobiphenyl	Not Detected		Result <= MAX		1.0
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0



	Result	Units	Spec rule	Min	Max
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

Heavy metals content

according to: Packaging and Packaging Waste Directive 94/62/EC, heavy metals content.

testing conditions: NPR-CR 13695-1 & 111/54/CDV & IEC 62321

Packaging (sum of Cd, Pb, Cr and Hg)	30	ppm	Result <= MAX		100
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Part description: black fabric outer grip

Heavy metals content

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	30	ppm	Result <= MAX		100
Lead	0	ppm	Result <= MAX		100
Mercury	0	ppm	Result <= MAX		100

Phthalates

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000
DAP	0		Result <= MAX		1000000
DIBP	0	ppm	Result <= MAX		1000000
DBP	0		Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	900	ppm	Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
DIHpP	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000
DIHxP	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000

PCN

according to: Regulation (EC) 850/2004 - Persistent Organic Pollutants (POP) - 2012 on PCN.

testing conditions: Thermal Desorption & GC-MS analysis

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 2

Benzo a pyrene	Not Detected		Result <= MAX		0.5
Benzo a anthracene	Not Detected		Result <= MAX		0.5
Chrysene	Not Detected		Result <= MAX		0.5
Benzo b fluoranthene	Not Detected		Result <= MAX		0.5
Benzo k fluoranthene	Not Detected		Result <= MAX		0.5
Dibenz ah anthracene	Not Detected		Result <= MAX		0.5
Benzo j fluoranthene	Not Detected		Result <= MAX		0.5
Benzo e pyrene	Not Detected		Result <= MAX		0.5
Indeno 123cd pyrene	Not Detected		Result <= MAX		0.5
Benzo ghi perylene	Not Detected		Result <= MAX		0.5
Acenaphthylene	Not Detected		Result <= MAX		10

	Result	Units	Spec rule	Min	Max
Acenaphthene	Not Detected		Result <= MAX		10
Fluorene	Not Detected		Result <= MAX		10
Phenanthrene	Not Detected		Result <= MAX		10
Anthracene	Not Detected		Result <= MAX		10
Fluoranthene	Not Detected		Result <= MAX		10
Pyrene	Not Detected		Result <= MAX		10
Naphthalene	Not Detected		Result <= MAX		2
sum of 7 PAH	0	ppm	Result <= MAX		10
sum of 18 PAH	0	ppm	Result <= MAX		10
Anthracene oils and pastes	0	ppm	Result <= MAX		1000000
Coal tar	0	ppm	Result <= MAX		1000000

Flame retardants (PBDE and PBB)

according to: Reach 1907/2006 Annex XVII & POP EC/850/2004, flame retardants content.

testing conditions: 111/54/CDV & IEC 62321

MonoBDE	Not Detected		Result <= MAX		1000
DiBDE	Not Detected		Result <= MAX		1000
TriBDE	Not Detected		Result <= MAX		1000
TetraBDE	Not Detected		Result <= MAX		10
PentaBDE	Not Detected		Result <= MAX		10
HexaBDE	Not Detected		Result <= MAX		10
HeptaBDE	Not Detected		Result <= MAX		10
OctaBDE	Not Detected		Result <= MAX		1000
NonaBDE	Not Detected		Result <= MAX		1000
DecaBDE	Not Detected		Result <= MAX		1000
MONOBROMOBIPHENYL	Not Detected		Result < MAX		1
DIBROMOBIPHENYL	Not Detected		Result < MAX		1
TRIBROMOBIPHENYL	Not Detected		Result < MAX		1
TETRABROMOBIPHENYL	Not Detected		Result < MAX		1
PENTABROMOBIPHENYL	Not Detected		Result < MAX		1
HEXABROMOBIPHENYL	Not Detected		Result < MAX		1
HEPTABROMOBIPHENYL	Not Detected		Result < MAX		1
OCTABROMOBIPHENYL	Not Detected		Result < MAX		1

	Result	Units	Spec rule	Min	Max
NONABROMOBIPHENYL	Not Detected		Result < MAX		1
DECABROMOBIPHENYL	Not Detected		Result < MAX		1

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: Thermal Desorption & GC-MS analysis

DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0
Isodrin	Not Detected		Result < MAX		1.0
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1,0
Dieldrin	Not Detected		Result < MAX		1.0
HBCDD	Not Analyzed		Result <= MAX		50
44 DDD	Not Detected		Result < MAX		1,0
44 DDT	Not Detected		Result < MAX		1,0
Endosulfan Sulfate	Not Detected		Result < MAX		1.0
Methoxychlor	Not Detected		Result < MAX		1.0
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0

	Result	Units	Spec rule	Min	Max
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PCB
 according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014

testing conditions: Thermal Desorption & GC-MS analysis

Chlorobiphenyl	Not Detected		Result <= MAX		1.0
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

Phenols
 according to: Reach 1907/2006 Annex XVII, entry 2,5,22,32-38,41,48,49,57 on Phenol content.

testing conditions: Thermal Desorption & GC-MS analysis

Octyl phenol	Not Detected		Result <= MAX		1000
Nonyl phenol	Not Detected		Result <= MAX		1000
Phenol, pentachloro- / PCP	Not Detected		Result <= MAX		5

SVHC
 according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
1,2 Dichloroethane	Not Detected		Result <= MAX		1000000
Furan	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000
Ethylene Glycol Diethyl Ether	Not Detected		Result <= MAX		1000000
Dimethylacetamide	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
123 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylenedi o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarbolic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphthalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
Hydrazine	Not Detected		Result <= MAX		1000000
Propylene oxide	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000





	Result	Units	Spec rule	Min	Max
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligomer reaction products	0	ppm	Result <= MAX		1000000
A-PDFO	Not Detected		Result <= MAX		1000000
PFOA	Not Detected		Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Boric acid	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
perboric acid, sodium salt	Not Detected		Result <= MAX		1000000
Sodium peroxometaborate	0	ppm	Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
UV-320	Not Detected		Result <= MAX		1000000
DOTe	0	ppm	Result <= MAX		1000000
MOTe	0	ppm	Result <= MAX		1000000
DOTe + MOTe reaction mass	Not Analyzed		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000
13 Propanesultone	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not Detected		Result <= MAX		1000000
HDHA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	Not Detected		Result <= MAX		1000000
Arnolds base	Not Detected		Result <= MAX		1000000
PFDA	Not Analyzed		Result <= MAX		1000000
4 Heptylphenol	Not Detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not Analyzed		Result <= MAX		1000000
UV-350	Not Analyzed		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
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Part description: black fabric inner grip

Heavy metals content

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	30	ppm	Result <= MAX		100
Lead	0	ppm	Result <= MAX		100
Mercury	0	ppm	Result <= MAX		100

Phthalates

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000
DAP	0		Result <= MAX		1000000
DIBP	0		Result <= MAX		1000000
DBP	0		Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	400	ppm	Result <= MAX		1000000
DIH _p P	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000
DIH _x P	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
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PCN

according to: Regulation (EC) 850/2004 - Persistent Organic Pollutants (POP) - 2012 on PCN.

testing conditions: Thermal Desorption & GC-MS analysis

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 2

Benzo a pyrene	Not Detected		Result <= MAX		0.5
Benzo a anthracene	Not Detected		Result <= MAX		0.5
Chrysene	Not Detected		Result <= MAX		0.5
Benzo b fluoranthene	Not Detected		Result <= MAX		0.5
Benzo k fluoranthene	Not Detected		Result <= MAX		0.5
Dibenz ah anthracene	Not Detected		Result <= MAX		0.5
Benzo j fluoranthene	Not Detected		Result <= MAX		0.5
Benzo e pyrene	Not Detected		Result <= MAX		0.5
Indeno 123cd pyrene	Not Detected		Result <= MAX		0.5
Benzo ghi perylene	Not Detected		Result <= MAX		0.5
Acenaphthylene	Not Detected		Result <= MAX		10
Acenaphthene	Not Detected		Result <= MAX		10
Fluorene	Not Detected		Result <= MAX		10
Phenanthrene	Not Detected		Result <= MAX		10
Anthracene	Not Detected		Result <= MAX		10
Fluoranthene	Not Detected		Result <= MAX		10
Pyrene	Not Detected		Result <= MAX		10
Naphthalene	Not Detected		Result <= MAX		2

	Result	Units	Spec rule	Min	Max
sum of 7 PAH	0	ppm	Result <= MAX		10
sum of 18 PAH	0	ppm	Result <= MAX		10
Anthracene oils and pastes	0	ppm	Result <= MAX		1000000
Coal tar	0	ppm	Result <= MAX		1000000

Flame retardants (PBDE and PBB)

according to: Reach 1907/2006 Annex XVII & POP EC/850/2004, flame retardants content.

testing conditions: 111/54/CDV & IEC 62321

MonoBDE	Not Detected		Result <= MAX		1000
DiBDE	Not Detected		Result <= MAX		1000
TriBDE	Not Detected		Result <= MAX		1000
TetraBDE	Not Detected		Result <= MAX		10
PentaBDE	Not Detected		Result <= MAX		10
HexaBDE	Not Detected		Result <= MAX		10
HeptaBDE	Not Detected		Result <= MAX		10
OctaBDE	Not Detected		Result <= MAX		1000
NonaBDE	Not Detected		Result <= MAX		1000
DecaBDE	Not Detected		Result <= MAX		1000
MONOBROMOBIPHENYL	Not Detected		Result < MAX		1
DIBROMOBIPHENYL	Not Detected		Result < MAX		1
TRIBROMOBIPHENYL	Not Detected		Result < MAX		1
TETRABROMOBIPHENYL	Not Detected		Result < MAX		1
PENTABROMOBIPHENYL	Not Detected		Result < MAX		1
HEXABROMOBIPHENYL	Not Detected		Result < MAX		1
HEPTABROMOBIPHENYL	Not Detected		Result < MAX		1
OCTABROMOBIPHENYL	Not Detected		Result < MAX		1
NONABROMOBIPHENYL	Not Detected		Result < MAX		1
DECABROMOBIPHENYL	Not Detected		Result < MAX		1

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: Thermal Desorption & GC-MS analysis

DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
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	Result	Units	Spec rule	Min	Max
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0
Isodrin	Not Detected		Result < MAX		1.0
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1.0
Dieldrin	Not Detected		Result < MAX		1.0
HBCDD	Not Analyzed		Result <= MAX		50
44 DDD	Not Detected		Result < MAX		1.0
44 DDT	Not Detected		Result < MAX		1.0
Endosulfan Sulfate	Not Detected		Result < MAX		1.0
Methoxychlor	Not Detected		Result < MAX		1.0
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0

PCB
 according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014

testing conditions: Thermal Desorption & GC-MS analysis

Chlorobiphenyl	Not Detected		Result <= MAX		1.0
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0

	Result	Units	Spec rule	Min	Max
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

Phenols

according to: Reach 1907/2006 Annex XVII, entry 2,5,22,32-38,41,48,49,57 on Phenol content.

testing conditions: Thermal Desorption & GC-MS analysis

Octyl phenol	Not Detected		Result <= MAX		1000
Nonyl phenol	Not Detected		Result <= MAX		1000
Phenol, pentachloro- / PCP	Not Detected		Result <= MAX		5

SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
1,2 Dichloroethane	Not Detected		Result <= MAX		1000000
Furan	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000
Ethylene Glycol Diethyl Ether	Not Detected		Result <= MAX		1000000
Dimethylacetamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
1,1,2 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylenedi o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarboic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphtalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
Hydrazine	Not Detected		Result <= MAX		1000000
Propylene oxide	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligoment reaction products	0	ppm	Result <= MAX		1000000
A-PDFO	Not Detected		Result <= MAX		1000000
PFOA	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Boric acid	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
perboric acid, sodium salt	Not Detected		Result <= MAX		1000000
Sodium peroxometaborate	0	ppm	Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
UV-320	Not Detected		Result <= MAX		1000000
DOTe	0	ppm	Result <= MAX		1000000
MOTe	0	ppm	Result <= MAX		1000000
DOTe + MOTe reaction mass	Not Analyzed		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000
13 Propanesultone	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not Detected		Result <= MAX		1000000
HDDA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	1	ppm	Result <= MAX		1000000
Arnolds base	Not Detected		Result <= MAX		1000000
PFDA	Not Analyzed		Result <= MAX		1000000
4 Heptylphenol	Not Detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not Analyzed		Result <= MAX		1000000
UV-350	Not Analyzed		Result <= MAX		1000000

Part description: black fabric film piping

Heavy metals content

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	40	ppm	Result <= MAX		100
Lead	0	ppm	Result <= MAX		100
Mercury	0	ppm	Result <= MAX		100



	Result	Units	Spec rule	Min	Max
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Phthalates
 according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000
DAP	0		Result <= MAX		1000000
DIBP	0		Result <= MAX		1000000
DBP	0	ppm	Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	800	ppm	Result <= MAX		1000000
DIH _p P	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000
DIH _x P	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000

Flame retardants (PBDE and PBB)
 according to: Reach 1907/2006 Annex XVII & POP EC/850/2004, flame retardants content.

testing conditions: 111/54/CDV & IEC 62321

MonoBDE	Not Detected		Result <= MAX		1000
DiBDE	Not Detected		Result <= MAX		1000
TriBDE	Not Detected		Result <= MAX		1000
TetraBDE	Not Detected		Result <= MAX		10
PentaBDE	Not Detected		Result <= MAX		10
HexaBDE	Not Detected		Result <= MAX		10
HeptaBDE	Not Detected		Result <= MAX		10

	Result	Units	Spec rule	Min	Max
OctaBDE	Not Detected		Result <= MAX		1000
NonaBDE	Not Detected		Result <= MAX		1000
DecaBDE	Not Detected		Result <= MAX		1000
MONOBROMOBIPHENYL	Not Detected		Result < MAX		1
DIBROMOBIPHENYL	Not Detected		Result < MAX		1
TRIBROMOBIPHENYL	Not Detected		Result < MAX		1
TETRABROMOBIPHENYL	Not Detected		Result < MAX		1
PENTABROMOBIPHENYL	Not Detected		Result < MAX		1
HEXABROMOBIPHENYL	Not Detected		Result < MAX		1
HEPTABROMOBIPHENYL	Not Detected		Result < MAX		1
OCTABROMOBIPHENYL	Not Detected		Result < MAX		1
NONABROMOBIPHENYL	Not Detected		Result < MAX		1
DECABROMOBIPHENYL	Not Detected		Result < MAX		1

PCN

according to: Regulation (EC) 850/2004 - Persistent Organic Pollutants (POP) - 2012 on PCN.

testing conditions: Thermal Desorption & GC-MS analysis

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 3

Benzo a pyrene	Not Detected		Result <= MAX		1.0
Benzo a anthracene	Not Detected		Result <= MAX		1.0
Chrysene	Not Detected		Result <= MAX		1.0
Benzo b fluoranthene	Not Detected		Result <= MAX		1.0

	Result	Units	Spec rule	Min	Max
Benzo k fluoranthene	Not Detected		Result <= MAX		1.0
Dibenz ah anthracene	Not Detected		Result <= MAX		1.0
Benzo j fluoranthene	Not Detected		Result <= MAX		1.0
Benzo e pyrene	Not Detected		Result <= MAX		1.0
Indeno 123cd pyrene	Not Detected		Result <= MAX		1.0
Benzo ghi perylene	Not Detected		Result <= MAX		1.0
Acenaphthylene	Not Detected		Result <= MAX		50
Acenaphthene	Not Detected		Result <= MAX		50
Fluorene	Not Detected		Result <= MAX		50
Phenanthrene	Not Detected		Result <= MAX		50
Anthracene	Not Detected		Result <= MAX		50
Fluoranthene	Not Detected		Result <= MAX		50
Pyrene	Not Detected		Result <= MAX		50
Naphthalene	Not Detected		Result <= MAX		10
sum of 7 PAH	0	ppm	Result <= MAX		50
sum of 18 PAH	0	ppm	Result <= MAX		50
Anthracene oils and pastes	0	ppm	Result <= MAX		1000
Coal tar	0	ppm	Result <= MAX		1000

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: Thermal Desorption & GC-MS analysis

DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0
Isodrin	Not Detected		Result < MAX		1.0

	Result	Units	Spec rule	Min	Max
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1,0
Dieldrin	Not Detected		Result < MAX		1.0
HBCDD	Not Analyzed		Result <= MAX		50
44 DDD	Not Detected		Result < MAX		1,0
44 DDT	Not Detected		Result < MAX		1,0
Endosulfan Sulfate	Not Detected		Result < MAX		1,0
Methoxychlor	Not Detected		Result < MAX		1.0
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0

PCB

according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014

testing conditions: Thermal Desorption & GC-MS analysis

Chlorobiphenyl	Not Detected		Result <= MAX		1.0
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

Phenols

according to: Reach 1907/2006 Annex XVII, entry 2,5,22,32-38,41,48,49,57 on Phenol content.

testing conditions: Thermal Desorption & GC-MS analysis

Octyl phenol	Not Detected		Result <= MAX		1000
Nonyl phenol	Not Detected		Result <= MAX		1000

	Result	Units	Spec rule	Min	Max
Phenol, pentachloro- / PCP	Not Detected		Result <= MAX		5

SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
12 Dichloroethane	Not Detected		Result <= MAX		1000000
Furan	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000
Ethylene Glycol Diethyl Ether	Not Detected		Result <= MAX		1000000
Dimethylacetamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
123 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylenedi o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarboic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphthalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
Hydrazine	Not Detected		Result <= MAX		1000000
Propylene oxide	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligoment reaction products	0	ppm	Result <= MAX		1000000
A-PDFO	Not Detected		Result <= MAX		1000000
PFOA	Not Detected		Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Boric acid	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
perboric acid, sodium salt	Not Detected		Result <= MAX		1000000
Sodium peroxometaborate	0	ppm	Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
UV-320	Not Detected		Result <= MAX		1000000
DOTe	0	ppm	Result <= MAX		1000000
MOTe	0	ppm	Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
DOTe + MOTE reaction mass	Not Analyzed		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000
13 Propanesultone	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not Detected		Result <= MAX		1000000
HDDA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	Not Detected		Result <= MAX		1000000
Arnolds base	Not Detected		Result <= MAX		1000000
PFDA	Not Analyzed		Result <= MAX		1000000
4 Heptylphenol	Not Detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not Analyzed		Result <= MAX		1000000
UV-350	Not Analyzed		Result <= MAX		1000000

Part description: black fabric lining

Heavy metals content

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	40	ppm	Result <= MAX		100
Lead	0	ppm	Result <= MAX		100
Mercury	0	ppm	Result <= MAX		100

Phthalates

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000
DAP	0		Result <= MAX		1000000
DIBP	0		Result <= MAX		1000000
DBP	0	ppm	Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	600	ppm	Result <= MAX		1000000
DIHpP	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000
DIHxP	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000

Flame retardants (PBDE and PBB)

according to: Reach 1907/2006 Annex XVII & POP EC/850/2004, flame retardants content.

testing conditions: 111/54/CDV & IEC 62321

MonoBDE	Not Detected		Result <= MAX		1000
DiBDE	Not Detected		Result <= MAX		1000
TriBDE	Not Detected		Result <= MAX		1000
TetraBDE	Not Detected		Result <= MAX		10
PentaBDE	Not Detected		Result <= MAX		10
HexaBDE	Not Detected		Result <= MAX		10
HeptaBDE	Not Detected		Result <= MAX		10
OctaBDE	Not Detected		Result <= MAX		1000
NonaBDE	Not Detected		Result <= MAX		1000
DecaBDE	Not Detected		Result <= MAX		1000
MONOBROMOBIPHENYL	Not Detected		Result < MAX		1
DIBROMOBIPHENYL	Not Detected		Result < MAX		1
TRIBROMOBIPHENYL	Not Detected		Result < MAX		1
TETRABROMOBIPHENYL	Not Detected		Result < MAX		1
PENTABROMOBIPHENYL	Not Detected		Result < MAX		1
HEXABROMOBIPHENYL	Not Detected		Result < MAX		1
HEPTABROMOBIPHENYL	Not Detected		Result < MAX		1

	Result	Units	Spec rule	Min	Max
OCTABROMOBIPHENYL	Not Detected		Result < MAX		1
NONABROMOBIPHENYL	Not Detected		Result < MAX		1
DECABROMOBIPHENYL	Not Detected		Result < MAX		1

PCN

according to: Regulation (EC) 850/2004 - Persistent Organic Pollutants (POP) - 2012 on PCN.

testing conditions: Thermal Desorption & GC-MS analysis

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 3

Benzo a pyrene	Not Detected		Result <= MAX		1.0
Benzo a anthracene	Not Detected		Result <= MAX		1.0
Chrysene	Not Detected		Result <= MAX		1.0
Benzo b fluoranthene	Not Detected		Result <= MAX		1.0
Benzo k fluoranthene	Not Detected		Result <= MAX		1.0
Dibenz ah anthracene	Not Detected		Result <= MAX		1.0
Benzo j fluoranthene	Not Detected		Result <= MAX		1.0
Benzo e pyrene	Not Detected		Result <= MAX		1.0
Indeno 123cd pyrene	Not Detected		Result <= MAX		1.0
Benzo ghi perylene	Not Detected		Result <= MAX		1.0
Acenaphthylene	Not Detected		Result <= MAX		50
Acenaphthene	Not Detected		Result <= MAX		50
Fluorene	Not Detected		Result <= MAX		50
Phenanthrene	Not Detected		Result <= MAX		50

	Result	Units	Spec rule	Min	Max
Anthracene	Not Detected		Result <= MAX		50
Fluoranthene	Not Detected		Result <= MAX		50
Pyrene	Not Detected		Result <= MAX		50
Naphthalene	Not Detected		Result <= MAX		10
sum of 7 PAH	0	ppm	Result <= MAX		50
sum of 18 PAH	0	ppm	Result <= MAX		50
Anthracene oils and pastes	0	ppm	Result <= MAX		1000
Coal tar	0	ppm	Result <= MAX		1000

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: Thermal Desorption & GC-MS analysis

DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0
Isodrin	Not Detected		Result < MAX		1.0
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1,0
Dieldrin	Not Detected		Result < MAX		1.0
HBCDD	Not Analyzed		Result <= MAX		50
44 DDD	Not Detected		Result < MAX		1,0
44 DDT	Not Detected		Result < MAX		1,0
Endosulfan Sulfate	Not Detected		Result < MAX		1,0
Methoxychlor	Not Detected		Result < MAX		1.0

	Result	Units	Spec rule	Min	Max
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0

PCB

according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014

testing conditions: Thermal Desorption & GC-MS analysis

Chlorobiphenyl	Not Detected		Result <= MAX		1.0
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

Phenols

according to: Reach 1907/2006 Annex XVII, entry 2,5,22,32-38,41,48,49,57 on Phenol content.

testing conditions: Thermal Desorption & GC-MS analysis

Octyl phenol	Not Detected		Result <= MAX		1000
Nonyl phenol	Not Detected		Result <= MAX		1000
Phenol, pentachloro- / PCP	Not Detected		Result <= MAX		5

SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
12 Dichloroethane	Not Detected		Result <= MAX		1000000
Furan	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000
Ethylene Glycol Diethyl Ether	Not Detected		Result <= MAX		1000000
Dimethylacetamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
123 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylene di o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarboic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphthalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
Hydrazine	Not Detected		Result <= MAX		1000000
Propylene oxide	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligomer reaction products	0	ppm	Result <= MAX		1000000
A-PDFO	Not Detected		Result <= MAX		1000000
PFOA	Not Detected		Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Boric acid	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
perboric acid, sodium salt	Not Detected		Result <= MAX		1000000
Sodium peroxometaborate	0	ppm	Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
UV-320	Not Detected		Result <= MAX		1000000
DOTe	0	ppm	Result <= MAX		1000000
MOTe	0	ppm	Result <= MAX		1000000
DOTe + MOTe reaction mass	Not Analyzed		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000
13 Propanesultone	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not Detected		Result <= MAX		1000000
HDHA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	Not Detected		Result <= MAX		1000000
Arnolds base	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
PFDA	Not Analyzed		Result <= MAX		1000000
4 Heptylphenol	Not Detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not Analyzed		Result <= MAX		1000000
UV-350	Not Analyzed		Result <= MAX		1000000

Part description: black plastic zipper**Heavy metals content**

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	40	ppm	Result <= MAX		100
Lead	0	ppm	Result <= MAX		100
Mercury	0	ppm	Result <= MAX		100

Phthalates

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000
DAP	0		Result <= MAX		1000000
DIBP	0		Result <= MAX		1000000
DBP	0	ppm	Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	1700	ppm	Result <= MAX		1000000
DIH _p P	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
DIHxP	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000

Flame retardants (PBDE and PBB)

according to: Reach 1907/2006 Annex XVII & POP EC/850/2004, flame retardants content.

testing conditions: 111/54/CDV & IEC 62321

MonoBDE	Not Detected		Result <= MAX		1000
DiBDE	Not Detected		Result <= MAX		1000
TriBDE	Not Detected		Result <= MAX		1000
TetraBDE	Not Detected		Result <= MAX		10
PentaBDE	Not Detected		Result <= MAX		10
HexaBDE	Not Detected		Result <= MAX		10
HeptaBDE	Not Detected		Result <= MAX		10
OctaBDE	Not Detected		Result <= MAX		1000
NonaBDE	Not Detected		Result <= MAX		1000
DecaBDE	Not Detected		Result <= MAX		1000
MONOBROMOBIPHENYL	Not Detected		Result < MAX		1
DIBROMOBIPHENYL	Not Detected		Result < MAX		1
TRIBROMOBIPHENYL	Not Detected		Result < MAX		1
TETRABROMOBIPHENYL	Not Detected		Result < MAX		1
PENTABROMOBIPHENYL	Not Detected		Result < MAX		1
HEXABROMOBIPHENYL	Not Detected		Result < MAX		1
HEPTABROMOBIPHENYL	Not Detected		Result < MAX		1
OCTABROMOBIPHENYL	Not Detected		Result < MAX		1
NONABROMOBIPHENYL	Not Detected		Result < MAX		1
DECABROMOBIPHENYL	Not Detected		Result < MAX		1

PCN

according to: Regulation (EC) 850/2004 - Persistent Organic Pollutants (POP) - 2012 on PCN.

testing conditions: Thermal Desorption & GC-MS analysis

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1

	Result	Units	Spec rule	Min	Max
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 3

Benzo a pyrene	Not Detected		Result <= MAX		1.0
Benzo a anthracene	Not Detected		Result <= MAX		1.0
Chrysene	Not Detected		Result <= MAX		1.0
Benzo b fluoranthene	Not Detected		Result <= MAX		1.0
Benzo k fluoranthene	Not Detected		Result <= MAX		1.0
Dibenz ah anthracene	Not Detected		Result <= MAX		1.0
Benzo j fluoranthene	Not Detected		Result <= MAX		1.0
Benzo e pyrene	Not Detected		Result <= MAX		1.0
Indeno 123cd pyrene	Not Detected		Result <= MAX		1.0
Benzo ghi perylene	Not Detected		Result <= MAX		1.0
Acenaphthylene	Not Detected		Result <= MAX		50
Acenaphthene	Not Detected		Result <= MAX		50
Fluorene	Not Detected		Result <= MAX		50
Phenanthrene	Not Detected		Result <= MAX		50
Anthracene	Not Detected		Result <= MAX		50
Fluoranthene	Not Detected		Result <= MAX		50
Pyrene	Not Detected		Result <= MAX		50
Naphthalene	0.0	ppm	Result <= MAX		10
sum of 7 PAH	0	ppm	Result <= MAX		50
sum of 18 PAH	0	ppm	Result <= MAX		50
Anthracene oils and pastes	0	ppm	Result <= MAX		1000
Coal tar	0	ppm	Result <= MAX		1000

	Result	Units	Spec rule	Min	Max
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OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: Thermal Desorption & GC-MS analysis

DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0
Isodrin	Not Detected		Result < MAX		1.0
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1.0
Dieldrin	Not Detected		Result < MAX		1.0
HBCDD	Not Analyzed		Result <= MAX		50
44 DDD	Not Detected		Result < MAX		1.0
44 DDT	Not Detected		Result < MAX		1.0
Endosulfan Sulfate	Not Detected		Result < MAX		1.0
Methoxychlor	Not Detected		Result < MAX		1.0
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0

PCB

according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014

testing conditions: Thermal Desorption & GC-MS analysis

Chlorobiphenyl	Not Detected		Result <= MAX		1.0
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	Result	Units	Spec rule	Min	Max
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

Phenols

according to: Reach 1907/2006 Annex XVII, entry 2,5,22,32-38,41,48,49,57 on Phenol content.

testing conditions: Thermal Desorption & GC-MS analysis

Octyl phenol	Not Detected		Result <= MAX		1000
Nonyl phenol	Not Detected		Result <= MAX		1000
Phenol, pentachloro- / PCP	Not Detected		Result <= MAX		5

SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
1,2 Dichloroethane	Not Detected		Result <= MAX		1000000
Furan	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000
Ethylene Glycol Diethyl Ether	Not Detected		Result <= MAX		1000000
Dimethylacetamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
1,2,3 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylene di o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarbolic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphtalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
Hydrazine	Not Detected		Result <= MAX		1000000
Propylene oxide	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligomer reaction products	0	ppm	Result <= MAX		1000000
A-PDFO	Not Detected		Result <= MAX		1000000
PFOA	Not Detected		Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Boric acid	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
perboric acid, sodium salt	Not Detected		Result <= MAX		1000000
Sodium peroxometaborate	0	ppm	Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
UV-320	Not Detected		Result <= MAX		1000000
DOTE	0	ppm	Result <= MAX		1000000
MOTE	0	ppm	Result <= MAX		1000000
DOTE + MOTE reaction mass	Not Analyzed		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000
13 Propanesultone	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not Detected		Result <= MAX		1000000
HDDA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	7	ppm	Result <= MAX		1000000
Arnolds base	Not Detected		Result <= MAX		1000000
PFDA	Not Analyzed		Result <= MAX		1000000
4 Heptylphenol	Not Detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not Analyzed		Result <= MAX		1000000
UV-350	Not Analyzed		Result <= MAX		1000000

Part description: black plastic rope

Heavy metals content

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299



	Result	Units	Spec rule	Min	Max
Cadmium	20	ppm	Result <= MAX		100
Lead	0	ppm	Result <= MAX		100
Mercury	0	ppm	Result <= MAX		100

Phthalates

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000
DAP	0		Result <= MAX		1000000
DIBP	0		Result <= MAX		1000000
DBP	0		Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	900	ppm	Result <= MAX		1000000
DIH _p P	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000
DIH _x P	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000

Flame retardants (PBDE and PBB)

according to: Reach 1907/2006 Annex XVII & POP EC/850/2004, flame retardants content.

testing conditions: 111/54/CDV & IEC 62321

MonoBDE	Not Detected		Result <= MAX		1000
DiBDE	Not Detected		Result <= MAX		1000
TriBDE	Not Detected		Result <= MAX		1000

	Result	Units	Spec rule	Min	Max
TetraBDE	Not Detected		Result <= MAX		10
PentaBDE	Not Detected		Result <= MAX		10
HexaBDE	Not Detected		Result <= MAX		10
HeptaBDE	Not Detected		Result <= MAX		10
OctaBDE	Not Detected		Result <= MAX		1000
NonaBDE	Not Detected		Result <= MAX		1000
DecaBDE	Not Detected		Result <= MAX		1000
MONOBROMOBIPHENYL	Not Detected		Result < MAX		1
DIBROMOBIPHENYL	Not Detected		Result < MAX		1
TRIBROMOBIPHENYL	Not Detected		Result < MAX		1
TETRABROMOBIPHENYL	Not Detected		Result < MAX		1
PENTABROMOBIPHENYL	Not Detected		Result < MAX		1
HEXABROMOBIPHENYL	Not Detected		Result < MAX		1
HEPTABROMOBIPHENYL	Not Detected		Result < MAX		1
OCTABROMOBIPHENYL	Not Detected		Result < MAX		1
NONABROMOBIPHENYL	Not Detected		Result < MAX		1
DECABROMOBIPHENYL	Not Detected		Result < MAX		1

PCN

according to: Regulation (EC) 850/2004 - Persistent Organic Pollutants (POP) - 2012 on PCN.

testing conditions: Thermal Desorption & GC-MS analysis

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 3

	Result	Units	Spec rule	Min	Max
Benzo a pyrene	Not Detected		Result <= MAX		1.0
Benzo a anthracene	Not Detected		Result <= MAX		1.0
Chrysene	Not Detected		Result <= MAX		1.0
Benzo b fluoranthene	Not Detected		Result <= MAX		1.0
Benzo k fluoranthene	Not Detected		Result <= MAX		1.0
Dibenz ah anthracene	Not Detected		Result <= MAX		1.0
Benzo j fluoranthene	Not Detected		Result <= MAX		1.0
Benzo e pyrene	Not Detected		Result <= MAX		1.0
Indeno 123cd pyrene	Not Detected		Result <= MAX		1.0
Benzo ghi perylene	Not Detected		Result <= MAX		1.0
Acenaphthylene	Not Detected		Result <= MAX		50
Acenaphthene	Not Detected		Result <= MAX		50
Fluorene	Not Detected		Result <= MAX		50
Phenanthrene	Not Detected		Result <= MAX		50
Anthracene	Not Detected		Result <= MAX		50
Fluoranthene	Not Detected		Result <= MAX		50
Pyrene	Not Detected		Result <= MAX		50
Naphthalene	Not Detected		Result <= MAX		10
sum of 7 PAH	0	ppm	Result <= MAX		50
sum of 18 PAH	0	ppm	Result <= MAX		50
Anthracene oils and pastes	0	ppm	Result <= MAX		1000
Coal tar	0	ppm	Result <= MAX		1000

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: Thermal Desorption & GC-MS analysis

DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0

	Result	Units	Spec rule	Min	Max
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0
Isodrin	Not Detected		Result < MAX		1.0
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1.0
Dieldrin	Not Detected		Result < MAX		1.0
HBCDD	Not Analyzed		Result <= MAX		50
44 DDD	Not Detected		Result < MAX		1.0
44 DDT	Not Detected		Result < MAX		1.0
Endosulfan Sulfate	Not Detected		Result < MAX		1.0
Methoxychlor	Not Detected		Result < MAX		1.0
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0

PCB
 according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014

testing conditions: Thermal Desorption & GC-MS analysis

Chlorobiphenyl	Not Detected		Result <= MAX		1.0
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

	Result	Units	Spec rule	Min	Max
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Phenols

according to: Reach 1907/2006 Annex XVII, entry 2,5,22,32-38,41,48,49,57 on Phenol content.

testing conditions: Thermal Desorption & GC-MS analysis

Octyl phenol	Not Detected		Result <= MAX		1000
Nonyl phenol	Not Detected		Result <= MAX		1000
Phenol, pentachloro- / PCP	Not Detected		Result <= MAX		5

SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
1,2 Dichloroethane	Not Detected		Result <= MAX		1000000
Furan	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000
Ethylene Glycol Diethyl Ether	Not Detected		Result <= MAX		1000000
Dimethylacetamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
1,1,2 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylene di o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarboic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphthalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
Hydrazine	Not Detected		Result <= MAX		1000000
Propylene oxide	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligomer reaction products	0	ppm	Result <= MAX		1000000
A-PDFO	Not Detected		Result <= MAX		1000000
PFOA	Not Detected		Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Boric acid	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
perboric acid, sodium salt	Not Detected		Result <= MAX		1000000





	Result	Units	Spec rule	Min	Max
Sodium peroxometaborate	0	ppm	Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
UV-320	Not Detected		Result <= MAX		1000000
DOTE	0	ppm	Result <= MAX		1000000
MOTE	0	ppm	Result <= MAX		1000000
DOTE + MOTE reaction mass	Not Analyzed		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000
13 Propanesultone	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not Detected		Result <= MAX		1000000
HDDA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	Not Detected		Result <= MAX		1000000
Arnolds base	Not Detected		Result <= MAX		1000000
PFDA	Not Analyzed		Result <= MAX		1000000
4 Heptylphenol	Not Detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not Analyzed		Result <= MAX		1000000
UV-350	Not Analyzed		Result <= MAX		1000000

Part description: red plastic pointed body**Heavy metals content**

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	20	ppm	Result <= MAX		100
Lead	60	ppm	Result <= MAX		100
Mercury	0	ppm	Result <= MAX		100

Phthalates

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
DAP	0		Result <= MAX		1000000
DIBP	0		Result <= MAX		1000000
DBP	0		Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	1900	ppm	Result <= MAX		1000000
DIHpP	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000
DIHxP	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000

Flame retardants (PBDE and PBB)

according to: Reach 1907/2006 Annex XVII & POP EC/850/2004, flame retardants content.

testing conditions: 111/54/CDV & IEC 62321

MonoBDE	Not Detected		Result <= MAX		1000
DiBDE	Not Detected		Result <= MAX		1000
TriBDE	Not Detected		Result <= MAX		1000
TetraBDE	Not Detected		Result <= MAX		10
PentaBDE	Not Detected		Result <= MAX		10
HexaBDE	Not Detected		Result <= MAX		10
HeptaBDE	Not Detected		Result <= MAX		10
OctaBDE	Not Detected		Result <= MAX		1000
NonaBDE	Not Detected		Result <= MAX		1000
DecaBDE	Not Detected		Result <= MAX		1000
MONOBROMOBIPHENYL	Not Detected		Result < MAX		1
DIBROMOBIPHENYL	Not Detected		Result < MAX		1

	Result	Units	Spec rule	Min	Max
TRIBROMOBIPHENYL	Not Detected		Result < MAX		1
TETRABROMOBIPHENYL	Not Detected		Result < MAX		1
PENTABROMOBIPHENYL	Not Detected		Result < MAX		1
HEXABROMOBIPHENYL	Not Detected		Result < MAX		1
HEPTABROMOBIPHENYL	Not Detected		Result < MAX		1
OCTABROMOBIPHENYL	Not Detected		Result < MAX		1
NONABROMOBIPHENYL	Not Detected		Result < MAX		1
DECABROMOBIPHENYL	Not Detected		Result < MAX		1

PCN

according to: Regulation (EC) 850/2004 - Persistent Organic Pollutants (POP) - 2012 on PCN.

testing conditions: Thermal Desorption & GC-MS analysis

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 3

Benzo a pyrene	Not Detected		Result <= MAX		1.0
Benzo a anthracene	Not Detected		Result <= MAX		1.0
Chrysene	Not Detected		Result <= MAX		1.0
Benzo b fluoranthene	Not Detected		Result <= MAX		1.0
Benzo k fluoranthene	Not Detected		Result <= MAX		1.0
Dibenz ah anthracene	Not Detected		Result <= MAX		1.0
Benzo j fluoranthene	Not Detected		Result <= MAX		1.0
Benzo e pyrene	Not Detected		Result <= MAX		1.0
Indeno 123cd pyrene	Not Detected		Result <= MAX		1.0

	Result	Units	Spec rule	Min	Max
Benzo ghi perylene	Not Detected		Result <= MAX		1.0
Acenaphthylene	Not Detected		Result <= MAX		50
Acenaphthene	Not Detected		Result <= MAX		50
Fluorene	Not Detected		Result <= MAX		50
Phenanthrene	Not Detected		Result <= MAX		50
Anthracene	Not Detected		Result <= MAX		50
Fluoranthene	Not Detected		Result <= MAX		50
Pyrene	Not Detected		Result <= MAX		50
Naphthalene	Not Detected		Result <= MAX		10
sum of 7 PAH	0	ppm	Result <= MAX		50
sum of 18 PAH	0	ppm	Result <= MAX		50
Anthracene oils and pastes	0	ppm	Result <= MAX		1000
Coal tar	0	ppm	Result <= MAX		1000

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: Thermal Desorption & GC-MS analysis

DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0
Isodrin	Not Detected		Result < MAX		1.0
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1,0
Dieldrin	Not Detected		Result < MAX		1.0

	Result	Units	Spec rule	Min	Max
HBCDD	Not Analyzed		Result <= MAX		50
44 DDD	Not Detected		Result < MAX		1,0
44 DDT	Not Detected		Result < MAX		1,0
Endosulfan Sulfate	Not Detected		Result < MAX		1,0
Methoxychlor	Not Detected		Result < MAX		1.0
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0

PCB

according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014

testing conditions: Thermal Desorption & GC-MS analysis

Chlorobiphenyl	Not Detected		Result <= MAX		1.0
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

Phenols

according to: Reach 1907/2006 Annex XVII, entry 2,5,22,32-38,41,48,49,57 on Phenol content.

testing conditions: Thermal Desorption & GC-MS analysis

Octyl phenol	Not Detected		Result <= MAX		1000
Nonyl phenol	Not Detected		Result <= MAX		1000
Phenol, pentachloro- / PCP	Not Detected		Result <= MAX		5

	Result	Units	Spec rule	Min	Max
SVHC					
according to: Reach 1907/2006 art 33-57 on SVHC					
testing conditions: Thermal Desorption & GC-MS analysis					
2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
12 Dichloroethane	Not Detected		Result <= MAX		1000000
Furan	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000
Ethylene Glycol Diethyl Ether	Not Detected		Result <= MAX		1000000
Dimethylacetamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
123 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
44 Methylenedi o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarbolic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphthalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
Hydrazine	Not Detected		Result <= MAX		1000000
Propylene oxide	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligoment reaction products	0	ppm	Result <= MAX		1000000
A-PDFO	Not Detected		Result <= MAX		1000000
PFOA	Not Detected		Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Boric acid	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
perboric acid, sodium salt	Not Detected		Result <= MAX		1000000
Sodium peroxometaborate	0	ppm	Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
UV-320	Not Detected		Result <= MAX		1000000
DOTe	0	ppm	Result <= MAX		1000000
MOTe	0	ppm	Result <= MAX		1000000
DOTe + MOTe reaction mass	Not Analyzed		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
13 Propanesultone	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not Detected		Result <= MAX		1000000
HDDA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	Not Detected		Result <= MAX		1000000
Arnolds base	Not Detected		Result <= MAX		1000000
PFDA	Not Analyzed		Result <= MAX		1000000
4 Heptylphenol	Not Detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not Analyzed		Result <= MAX		1000000
UV-350	Not Analyzed		Result <= MAX		1000000

Part description: black plastic zipper puller

Heavy metals content

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	50	ppm	Result <= MAX		100
Lead	20	ppm	Result <= MAX		100
Mercury	0	ppm	Result <= MAX		100

Phthalates

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000
DAP	0		Result <= MAX		1000000
DIBP	0		Result <= MAX		1000000
DBP	0	ppm	Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	1000	ppm	Result <= MAX		1000000
DIH _p P	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000
DIH _x P	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000

Flame retardants (PBDE and PBB)

according to: Reach 1907/2006 Annex XVII & POP EC/850/2004, flame retardants content.

testing conditions: 111/54/CDV & IEC 62321

MonoBDE	Not Detected		Result <= MAX		1000
DiBDE	Not Detected		Result <= MAX		1000
TriBDE	Not Detected		Result <= MAX		1000
TetraBDE	Not Detected		Result <= MAX		10
PentaBDE	Not Detected		Result <= MAX		10
HexaBDE	Not Detected		Result <= MAX		10
HeptaBDE	Not Detected		Result <= MAX		10
OctaBDE	Not Detected		Result <= MAX		1000
NonaBDE	Not Detected		Result <= MAX		1000
DecaBDE	Not Detected		Result <= MAX		1000
MONOBROMOBIPHENYL	Not Detected		Result < MAX		1
DIBROMOBIPHENYL	Not Detected		Result < MAX		1
TRIBROMOBIPHENYL	Not Detected		Result < MAX		1
TETRABROMOBIPHENYL	Not Detected		Result < MAX		1
PENTABROMOBIPHENYL	Not Detected		Result < MAX		1
HEXABROMOBIPHENYL	Not Detected		Result < MAX		1
HEPTABROMOBIPHENYL	Not Detected		Result < MAX		1
OCTABROMOBIPHENYL	Not Detected		Result < MAX		1
NONABROMOBIPHENYL	Not Detected		Result < MAX		1

	Result	Units	Spec rule	Min	Max
DECABROMOBIPHENYL	Not Detected		Result < MAX		1

PCN

according to: Regulation (EC) 850/2004 - Persistent Organic Pollutants (POP) - 2012 on PCN.

testing conditions: Thermal Desorption & GC-MS analysis

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 3

Benzo a pyrene	Not Detected		Result <= MAX		1.0
Benzo a anthracene	Not Detected		Result <= MAX		1.0
Chrysene	Not Detected		Result <= MAX		1.0
Benzo b fluoranthene	Not Detected		Result <= MAX		1.0
Benzo k fluoranthene	Not Detected		Result <= MAX		1.0
Dibenz ah anthracene	Not Detected		Result <= MAX		1.0
Benzo j fluoranthene	Not Detected		Result <= MAX		1.0
Benzo e pyrene	Not Detected		Result <= MAX		1.0
Indeno 123cd pyrene	Not Detected		Result <= MAX		1.0
Benzo ghi perylene	Not Detected		Result <= MAX		1.0
Acenaphthylene	Not Detected		Result <= MAX		50
Acenaphthene	Not Detected		Result <= MAX		50
Fluorene	Not Detected		Result <= MAX		50
Phenanthrene	Not Detected		Result <= MAX		50
Anthracene	Not Detected		Result <= MAX		50
Fluoranthene	Not Detected		Result <= MAX		50

	Result	Units	Spec rule	Min	Max
Pyrene	Not Detected		Result <= MAX		50
Naphthalene	Not Detected		Result <= MAX		10
sum of 7 PAH	0	ppm	Result <= MAX		50
sum of 18 PAH	0	ppm	Result <= MAX		50
Anthracene oils and pastes	0	ppm	Result <= MAX		1000
Coal tar	0	ppm	Result <= MAX		1000

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: Thermal Desorption & GC-MS analysis

DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0
Isodrin	Not Detected		Result < MAX		1.0
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1,0
Dieldrin	Not Detected		Result < MAX		1.0
HBCDD	Not Analyzed		Result <= MAX		50
44 DDD	Not Detected		Result < MAX		1,0
44 DDT	Not Detected		Result < MAX		1,0
Endosulfan Sulfate	Not Detected		Result < MAX		1,0
Methoxychlor	Not Detected		Result < MAX		1.0
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0

	Result	Units	Spec rule	Min	Max
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0

PCB
 according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014

testing conditions: Thermal Desorption & GC-MS analysis

Chlorobiphenyl	Not Detected		Result <= MAX		1.0
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

Phenols
 according to: Reach 1907/2006 Annex XVII, entry 2,5,22,32-38,41,48,49,57 on Phenol content.

testing conditions: Thermal Desorption & GC-MS analysis

Octyl phenol	Not Detected		Result <= MAX		1000
Nonyl phenol	Not Detected		Result <= MAX		1000
Phenol, pentachloro- / PCP	Not Detected		Result <= MAX		5

SVHC
 according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
12 Dichloroethane	Not Detected		Result <= MAX		1000000
Furan	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
Acrylamide	Not Detected		Result <= MAX		1000000
Ethylene Glycol Diethyl Ether	Not Detected		Result <= MAX		1000000
Dimethylacetamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
123 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylenedi o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarboic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphthalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
Hydrazine	Not Detected		Result <= MAX		1000000
Propylene oxide	Not Detected		Result <= MAX		1000000





	Result	Units	Spec rule	Min	Max
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligomer reaction products	0	ppm	Result <= MAX		1000000
A-PDFO	Not Detected		Result <= MAX		1000000
PFOA	Not Detected		Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Boric acid	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
perboric acid, sodium salt	Not Detected		Result <= MAX		1000000
Sodium peroxometaborate	0	ppm	Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
UV-320	Not Detected		Result <= MAX		1000000
DOTe	0	ppm	Result <= MAX		1000000
MOTe	0	ppm	Result <= MAX		1000000
DOTe + MOTe reaction mass	Not Analyzed		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000
13 Propanesultone	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not Detected		Result <= MAX		1000000
HDHA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	18	ppm	Result <= MAX		1000000
Arnolds base	Not Detected		Result <= MAX		1000000
PFDA	Not Analyzed		Result <= MAX		1000000
4 Heptylphenol	Not Detected		Result <= MAX		1000000





	Result	Units	Spec rule	Min	Max
11 Dimethylpropylphenol	Not Analyzed		Result <= MAX		1000000
UV-350	Not Analyzed		Result <= MAX		1000000

Part description: red plastic piping**Heavy metals content**

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	10	ppm	Result <= MAX		100
Lead	0	ppm	Result <= MAX		100
Mercury	0	ppm	Result <= MAX		100

Phthalates

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000
DAP	0		Result <= MAX		1000000
DIBP	0		Result <= MAX		1000000
DBP	0		Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	3000	ppm	Result <= MAX		1000000
DIHpP	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000
DIHxP	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
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Flame retardants (PBDE and PBB)

according to: Reach 1907/2006 Annex XVII & POP EC/850/2004, flame retardants content.

testing conditions: 111/54/CDV & IEC 62321

MonoBDE	Not Detected		Result <= MAX		1000
DiBDE	Not Detected		Result <= MAX		1000
TriBDE	Not Detected		Result <= MAX		1000
TetraBDE	Not Detected		Result <= MAX		10
PentaBDE	Not Detected		Result <= MAX		10
HexaBDE	Not Detected		Result <= MAX		10
HeptaBDE	Not Detected		Result <= MAX		10
OctaBDE	Not Detected		Result <= MAX		1000
NonaBDE	Not Detected		Result <= MAX		1000
DecaBDE	Not Detected		Result <= MAX		1000
MONOBROMOBIPHENYL	Not Detected		Result < MAX		1
DIBROMOBIPHENYL	Not Detected		Result < MAX		1
TRIBROMOBIPHENYL	Not Detected		Result < MAX		1
TETRABROMOBIPHENYL	Not Detected		Result < MAX		1
PENTABROMOBIPHENYL	Not Detected		Result < MAX		1
HEXABROMOBIPHENYL	Not Detected		Result < MAX		1
HEPTABROMOBIPHENYL	Not Detected		Result < MAX		1
OCTABROMOBIPHENYL	Not Detected		Result < MAX		1
NONABROMOBIPHENYL	Not Detected		Result < MAX		1
DECABROMOBIPHENYL	Not Detected		Result < MAX		1

PCN

according to: Regulation (EC) 850/2004 - Persistent Organic Pollutants (POP) - 2012 on PCN.

testing conditions: Thermal Desorption & GC-MS analysis

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1

	Result	Units	Spec rule	Min	Max
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 3

Benzo a pyrene	Not Detected		Result <= MAX		1.0
Benzo a anthracene	Not Detected		Result <= MAX		1.0
Chrysene	Not Detected		Result <= MAX		1.0
Benzo b fluoranthene	Not Detected		Result <= MAX		1.0
Benzo k fluoranthene	Not Detected		Result <= MAX		1.0
Dibenz ah anthracene	Not Detected		Result <= MAX		1.0
Benzo j fluoranthene	Not Detected		Result <= MAX		1.0
Benzo e pyrene	Not Detected		Result <= MAX		1.0
Indeno 123cd pyrene	Not Detected		Result <= MAX		1.0
Benzo ghi perylene	Not Detected		Result <= MAX		1.0
Acenaphthylene	Not Detected		Result <= MAX		50
Acenaphthene	Not Detected		Result <= MAX		50
Fluorene	Not Detected		Result <= MAX		50
Phenanthrene	Not Detected		Result <= MAX		50
Anthracene	Not Detected		Result <= MAX		50
Fluoranthene	Not Detected		Result <= MAX		50
Pyrene	Not Detected		Result <= MAX		50
Naphthalene	Not Detected		Result <= MAX		10
sum of 7 PAH	0	ppm	Result <= MAX		50
sum of 18 PAH	0	ppm	Result <= MAX		50
Anthracene oils and pastes	0	ppm	Result <= MAX		1000
Coal tar	0	ppm	Result <= MAX		1000

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: Thermal Desorption & GC-MS analysis



	Result	Units	Spec rule	Min	Max
DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0
Isodrin	Not Detected		Result < MAX		1.0
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1,0
Dieldrin	Not Detected		Result < MAX		1.0
HBCDD	Not Analyzed		Result <= MAX		50
44 DDD	Not Detected		Result < MAX		1,0
44 DDT	Not Detected		Result < MAX		1,0
Endosulfan Sulfate	Not Detected		Result < MAX		1,0
Methoxychlor	Not Detected		Result < MAX		1.0
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0

PCB
 according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014

testing conditions: Thermal Desorption & GC-MS analysis

Chlorobiphenyl	Not Detected		Result <= MAX		1.0
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0

	Result	Units	Spec rule	Min	Max
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

Phenols

according to: Reach 1907/2006 Annex XVII, entry 2,5,22,32-38,41,48,49,57 on Phenol content.

testing conditions: Thermal Desorption & GC-MS analysis

Octyl phenol	Not Detected		Result <= MAX		1000
Nonyl phenol	Not Detected		Result <= MAX		1000
Phenol, pentachloro- / PCP	Not Detected		Result <= MAX		5

SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
1,2 Dichloroethane	Not Detected		Result <= MAX		1000000
Furan	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000
Ethylene Glycol Diethyl Ether	Not Detected		Result <= MAX		1000000
Dimethylacetamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
1,1,2 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylenedi o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarboic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphthalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
Hydrazine	Not Detected		Result <= MAX		1000000
Propylene oxide	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligoment reaction products	0	ppm	Result <= MAX		1000000
A-PDFO	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
PFOA	Not Detected		Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Boric acid	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
perboric acid, sodium salt	Not Detected		Result <= MAX		1000000
Sodium peroxometaborate	0	ppm	Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
UV-320	Not Detected		Result <= MAX		1000000
DOTE	0	ppm	Result <= MAX		1000000
MOTE	0	ppm	Result <= MAX		1000000
DOTE + MOTE reaction mass	Not Analyzed		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000
13 Propanesultone	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not Detected		Result <= MAX		1000000
HDDA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	4	ppm	Result <= MAX		1000000
Arnolds base	Not Detected		Result <= MAX		1000000
PFDA	Not Analyzed		Result <= MAX		1000000
4 Heptylphenol	Not Detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not Analyzed		Result <= MAX		1000000
UV-350	Not Analyzed		Result <= MAX		1000000

Part description: black hard plastic body

Heavy metals content

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	50	ppm	Result <= MAX		100
Lead	10	ppm	Result <= MAX		100
Mercury	0	ppm	Result <= MAX		100



	Result	Units	Spec rule	Min	Max
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Phthalates
 according to: Reach 1907/2006 art 33-57 on SVHC
 testing conditions: Thermal Desorption & GC-MS analysis

DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000
DAP	0		Result <= MAX		1000000
DIBP	0		Result <= MAX		1000000
DBP	0	ppm	Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	1400	ppm	Result <= MAX		1000000
DIH _p P	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000
DIH _x P	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000

Flame retardants (PBDE and PBB)
 according to: Reach 1907/2006 Annex XVII & POP EC/850/2004, flame retardants content.
 testing conditions: 111/54/CDV & IEC 62321

MonoBDE	Not Detected		Result <= MAX		1000
DiBDE	Not Detected		Result <= MAX		1000
TriBDE	Not Detected		Result <= MAX		1000
TetraBDE	Not Detected		Result <= MAX		10
PentaBDE	Not Detected		Result <= MAX		10
HexaBDE	Not Detected		Result <= MAX		10

	Result	Units	Spec rule	Min	Max
HeptaBDE	Not Detected		Result <= MAX		10
OctaBDE	Not Detected		Result <= MAX		1000
NonaBDE	Not Detected		Result <= MAX		1000
DecaBDE	Not Detected		Result <= MAX		1000
MONOBROMOBIPHENYL	Not Detected		Result < MAX		1
DIBROMOBIPHENYL	Not Detected		Result < MAX		1
TRIBROMOBIPHENYL	Not Detected		Result < MAX		1
TETRABROMOBIPHENYL	Not Detected		Result < MAX		1
PENTABROMOBIPHENYL	Not Detected		Result < MAX		1
HEXABROMOBIPHENYL	Not Detected		Result < MAX		1
HEPTABROMOBIPHENYL	Not Detected		Result < MAX		1
OCTABROMOBIPHENYL	Not Detected		Result < MAX		1
NONABROMOBIPHENYL	Not Detected		Result < MAX		1
DECABROMOBIPHENYL	Not Detected		Result < MAX		1

PCN

according to: Regulation (EC) 850/2004 - Persistent Organic Pollutants (POP) - 2012 on PCN.

testing conditions: Thermal Desorption & GC-MS analysis

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 3

Benzo a pyrene	Not Detected		Result <= MAX		1.0
Benzo a anthracene	Not Detected		Result <= MAX		1.0
Chrysene	Not Detected		Result <= MAX		1.0

	Result	Units	Spec rule	Min	Max
Benzo b fluoranthene	Not Detected		Result <= MAX		1.0
Benzo k fluoranthene	Not Detected		Result <= MAX		1.0
Dibenz ah anthracene	Not Detected		Result <= MAX		1.0
Benzo j fluoranthene	Not Detected		Result <= MAX		1.0
Benzo e pyrene	Not Detected		Result <= MAX		1.0
Indeno 123cd pyrene	Not Detected		Result <= MAX		1.0
Benzo ghi perylene	Not Detected		Result <= MAX		1.0
Acenaphthylene	Not Detected		Result <= MAX		50
Acenaphthene	Not Detected		Result <= MAX		50
Fluorene	Not Detected		Result <= MAX		50
Phenanthrene	Not Detected		Result <= MAX		50
Anthracene	Not Detected		Result <= MAX		50
Fluoranthene	Not Detected		Result <= MAX		50
Pyrene	Not Detected		Result <= MAX		50
Naphthalene	Not Detected		Result <= MAX		10
sum of 7 PAH	0	ppm	Result <= MAX		50
sum of 18 PAH	0	ppm	Result <= MAX		50
Anthracene oils and pastes	0	ppm	Result <= MAX		1000
Coal tar	0	ppm	Result <= MAX		1000

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: Thermal Desorption & GC-MS analysis

DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0

	Result	Units	Spec rule	Min	Max
Isodrin	Not Detected		Result < MAX		1.0
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1,0
Dieldrin	Not Detected		Result < MAX		1.0
HBCDD	Not Analyzed		Result <= MAX		50
44 DDD	Not Detected		Result < MAX		1,0
44 DDT	Not Detected		Result < MAX		1,0
Endosulfan Sulfate	Not Detected		Result < MAX		1,0
Methoxychlor	Not Detected		Result < MAX		1.0
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0

PCB
 according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014

testing conditions: Thermal Desorption & GC-MS analysis

Chlorobiphenyl	Not Detected		Result <= MAX		1.0
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

Phenols
 according to: Reach 1907/2006 Annex XVII, entry 2,5,22,32-38,41,48,49,57 on Phenol content.

testing conditions: Thermal Desorption & GC-MS analysis

Octyl phenol	Not Detected		Result <= MAX		1000
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	Result	Units	Spec rule	Min	Max
Nonyl phenol	Not Detected		Result <= MAX		1000
Phenol, pentachloro- / PCP	Not Detected		Result <= MAX		5

SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
1,2 Dichloroethane	Not Detected		Result <= MAX		1000000
Furan	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000
Ethylene Glycol Diethyl Ether	Not Detected		Result <= MAX		1000000
Dimethylacetamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
1,2,3 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
4,4 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000





	Result	Units	Spec rule	Min	Max
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylene di o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarboic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphthalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
Hydrazine	Not Detected		Result <= MAX		1000000
Propylene oxide	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligomer reaction products	0	ppm	Result <= MAX		1000000
A-PDFO	Not Detected		Result <= MAX		1000000
PFOA	Not Detected		Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Boric acid	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
perboric acid, sodium salt	Not Detected		Result <= MAX		1000000
Sodium peroxometaborate	0	ppm	Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
UV-320	Not Detected		Result <= MAX		1000000
DOTe	0	ppm	Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
MOTE	0	ppm	Result <= MAX		1000000
DOTE + MOTE reaction mass	Not Analyzed		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000
13 Propanesultone	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not Detected		Result <= MAX		1000000
HDDA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	Not Detected		Result <= MAX		1000000
Arnolds base	Not Detected		Result <= MAX		1000000
PFDA	Not Analyzed		Result <= MAX		1000000
4 Heptylphenol	Not Detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not Analyzed		Result <= MAX		1000000
UV-350	Not Analyzed		Result <= MAX		1000000

Part description: white plastic foam

PCN

according to: Regulation (EC) 850/2004 - Persistent Organic Pollutants (POP) - 2012 on PCN.

testing conditions: Thermal Desorption & GC-MS analysis

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

Flame retardants (PBDE and PBB)

according to: Reach 1907/2006 Annex XVII & POP EC/850/2004, flame retardants content.

testing conditions: 111/54/CDV & IEC 62321

MonoBDE	Not Detected		Result <= MAX		1000
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	Result	Units	Spec rule	Min	Max
DiBDE	Not Detected		Result <= MAX		1000
TriBDE	Not Detected		Result <= MAX		1000
TetraBDE	Not Detected		Result <= MAX		10
PentaBDE	Not Detected		Result <= MAX		10
HexaBDE	Not Detected		Result <= MAX		10
HeptaBDE	Not Detected		Result <= MAX		10
OctaBDE	Not Detected		Result <= MAX		1000
NonaBDE	Not Detected		Result <= MAX		1000
DecaBDE	Not Detected		Result <= MAX		1000
MONOBROMOBIPHENYL	Not Detected		Result < MAX		1
DIBROMOBIPHENYL	Not Detected		Result < MAX		1
TRIBROMOBIPHENYL	Not Detected		Result < MAX		1
TETRABROMOBIPHENYL	Not Detected		Result < MAX		1
PENTABROMOBIPHENYL	Not Detected		Result < MAX		1
HEXABROMOBIPHENYL	Not Detected		Result < MAX		1
HEPTABROMOBIPHENYL	Not Detected		Result < MAX		1
OCTABROMOBIPHENYL	Not Detected		Result < MAX		1
NONABROMOBIPHENYL	Not Detected		Result < MAX		1
DECABROMOBIPHENYL	Not Detected		Result < MAX		1

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: Thermal Desorption & GC-MS analysis

DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0

	Result	Units	Spec rule	Min	Max
Isodrin	Not Detected		Result < MAX		1.0
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1,0
Dieldrin	Not Detected		Result < MAX		1.0
HBCDD	Not Analyzed		Result <= MAX		50
44 DDD	Not Detected		Result < MAX		1,0
44 DDT	Not Detected		Result < MAX		1,0
Endosulfan Sulfate	Not Detected		Result < MAX		1,0
Methoxychlor	Not Detected		Result < MAX		1.0
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK

Benzo a pyrene	Not Detected		Result <= MAX		1000000
Benzo a anthracene	Not Detected		Result <= MAX		1000000
Chrysene	Not Detected		Result <= MAX		1000000
Anthracene	9.0	ppm	Result <= MAX		1000000
Anthracene oils and pastes	9	ppm	Result <= MAX		1000000
Coal tar	9	ppm	Result <= MAX		1000000

Phthalates

according to: Reach (EC) 1907/2006 - Annex XVII, entry 51-52 on phthalates content and entry 28-29-30 on CMR content.

testing conditions: Thermal Desorption & GC-MS analysis

DMP	0		Result <= MAX		1000000
DEP	100	ppm	Result <= MAX		1000000
DAP	0		Result <= MAX		1000000
DIBP	100	ppm	Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
DBP	300	ppm	Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	1900	ppm	Result <= MAX		1000000
DIHpP	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000
DIHxP	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000

SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: Thermal Desorption & GC-MS analysis

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
1,2 Dichloroethane	Not Detected		Result <= MAX		1000000
Furan	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000
Ethylene Glycol Diethyl Ether	Not Detected		Result <= MAX		1000000
Dimethylacetamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
1,2,3 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000





	Result	Units	Spec rule	Min	Max
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylene di o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarboic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphtalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
Hydrazine	Not Detected		Result <= MAX		1000000
Propylene oxide	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligomer reaction products	0	ppm	Result <= MAX		1000000
A-PDFO	Not Detected		Result <= MAX		1000000
PFOA	Not Detected		Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Boric acid	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
perboric acid, sodium salt	Not Detected		Result <= MAX		1000000
Sodium peroxometaborate	0	ppm	Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
UV-320	Not Detected		Result <= MAX		1000000
DOTE	0	ppm	Result <= MAX		1000000
MOTE	0	ppm	Result <= MAX		1000000
DOTE + MOTE reaction mass	Not Analyzed		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000
13 Propanesultone	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	576	ppm	Result <= MAX		1000000
HDDA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	Not Detected		Result <= MAX		1000000
Arnolds base	Not Detected		Result <= MAX		1000000
PFDA	Not Analyzed		Result <= MAX		1000000
4 Heptylphenol	Not Detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not Analyzed		Result <= MAX		1000000
UV-350	Not Analyzed		Result <= MAX		1000000

Phenols

according to: Reach 1907/2006 Annex XVII, entry 2,5,22,32-38,41,48,49,57 on Phenol content and Reach 1907/2006 Annex XVII, entry 28-29-30, CMR content

testing conditions: Thermal Desorption & GC-MS analysis

Phenol, pentachloro- / PCP	Not Detected		Result <= MAX		5
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	Result	Units	Spec rule	Min	Max
PCB					
according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014					
testing conditions: Thermal Desorption & GC-MS analysis					
Chlorobiphenyl	Not Detected		Result <= MAX		1.0
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

Reach restrictions annex 17

according to: Reach 1907/2006 Annex XVII, entry 28-29-30, CMR content

testing conditions: Thermal Desorption & GC-MS analysis

DEGME	Not Detected		Result <= MAX		30000
4-Nitrobiphenyl	Not Detected		Result <= MAX		1000
1,4-dichloro-butene trans	Not Analyzed		Result <= MAX		1000
1,4-dichloro-butene cis	Not Analyzed		Result <= MAX		1000
N,N-dimethylhydrazine	Not Detected		Result <= MAX		1000
dimethylcarbamoyl chloride	Not Detected		Result <= MAX		1000

Part description: brown carton inner lining

Heavy metals in wood and paper

according to: Packaging and Packaging Waste Directive 94/62/EC, heavy metals content.

testing conditions: NPR-CR 13695-1 & 111/54/CDV & IEC 62321

Packaging (sum of Cd, Pb, Cr and Hg)	40	ppm	Result <= MAX		100
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*** END OF REPORT ***

