



Test Report

Report No.: 3101-35 Annex 1a

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Leln/Chf

Order no.: 922843

Assignor: Akcine bendrove "UTENOS TRIKOTA AS"

Oeko-Tex® certificate no. 22406 & 2176-323

Subject: A: #1 art.064ren-gots 100% CO PD reactive drim. d.blue + placement pigment-print rose/white
B: #2 art.164RMP CO/EL PD reactive dri. d.turq. + AOP pigment print
C: #15 art.26429REN CO/CV Seacell PD reactive drim. col. aqua
D: #16 art.0681R-gots CO/Nettle PD reactive drim. col. turq.blue
E: #17 art.0672R CO/Hemp 70/30 PD reactive drim. Col. blue
F: MIX B + E
G: #11 art.06208RES-Bio 100% CO PD nova. Col. navy + placement print silver
H: #19 art.16558 Tencel/EL PD reactive int. Col. black
I: #21 art.16491REN CO/Modal/EL PD reactive int. Col. brown
J: MIX H + G
K: #14 art.16857+VIR PES/CO/EL PD disp. ser. Col. navy (+antivirus)
L: #20 art.165545 PP YD//Modal/EL PD reactive bez. black
M: #22 art.16965 Modal/Soy/EL PD drim. Col. peach
N: #18 art.006R+NAT 100% LI PD MAD-Color (natural) col. rose
O: #12 art.4755-gots CO/WO 90/10% PD react. lanasol col. l.brown
P: #13 art.4880-2-gots WO/SE YD react. Bez+dri+nov+bovacron col. navy/blue
Q: #3 art.06454smp-gots 100% CO digital print reactive col. navy/blue/brown
R: #7 art.16793smp PA/EL 85/15% digital print reactive nova. Col. grey/pink
S: MIX O + P
T: MIX Q + R

Sampling: Samples were picked and send by customer.
The materials were received at the Danish Technological Institute 10.06.2021

Method: The testing has been carried out according to Standard 100 by OEKO-TEX® and according to the methods described in OEKO-TEX® Testing procedures. Requirements according to product class II and appendix 6 were used.

Period: The testing was completed 14.07.2021.

Result: Individual results appear from page 2 to 14.

Storage: The test material will be destroyed after 12 months, unless otherwise agreed.

Terms: The test is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

Date/place: 15.07.2021, Danish Technological Institute, Wood and Biomaterials, Textile, Taastrup

Signature: Test responsible

Co-signatory

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Results: General sensory odour testing: Oeko-Tex® Testing procedures, Point 18.2 and Oeko-Tex® Standard 100, annex 4, part 4, note 24.

<u>Sample</u>	<u>Odour</u>
A	No abnormal odour
B	No abnormal odour
C	No abnormal odour
D	No abnormal odour
E	No abnormal odour
F	No abnormal odour
G	No abnormal odour
H	No abnormal odour
I	No abnormal odour
J	No abnormal odour
K	No abnormal odour
L	No abnormal odour
M	No abnormal odour
N	No abnormal odour
O	No abnormal odour
P	No abnormal odour
Q	No abnormal odour
R	No abnormal odour
S	No abnormal odour
T	No abnormal odour

Requirements

Oeko-Tex® requirements in all product classes: No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume.

pH: Oeko-Tex® Standard 201, M-1 and ISO 3071:2006 (KCl solution)

<u>Sample</u>	<u>pH-value</u>
K	5,2
L	6,4
Q	6,4
R	6,7

Requirements

Oeko-Tex® requirements in general in product class I: 4,0-7,5

Content of free formaldehyde: Oeko-Tex® Standard 201, M8 and Japanese Law no. 112:1973. (mg/kg textile)

<u>Sample</u>	<u>mg/kg free formaldehyde</u>
A (single test)	< 10
G (single test)	< 10

Requirements

Oeko-Tex® requirement in product class I: < 16 mg/kg

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Colour fastness to water: Oeko-Tex® Standard 201, M-9-C and ISO 105-E01:2013
(1-5 scale, 5 best rating)

<u>Sample</u>	<u>Fabric</u>	<u>Staining</u>	<u>Fabric</u>	<u>Staining</u>
C	Cotton	4-5	Wool	5
D	Cotton	5	Wool	5
H	Cotton	4-5	Wool	4-5
N	Cotton	5	Wool	5
P	Cotton	5	Wool	5

Requirements

Oeko-Tex® requirement in all product classes: Min. rating 3 in staining.

Fastness to perspiration: Oeko-Tex® Standard 201, M-9-B and ISO 105-E04:2013
(1-5 rating, 5 is best rating)

<u>Sample</u>	<u>Fabric</u>	<u>Staining</u>		<u>Fabric</u>	<u>Staining</u>	
		<u>Acidic</u>	<u>Alkaline</u>		<u>Acidic</u>	<u>Alkaline</u>
D	Cotton	4-5	4-5	Wool	4-5	4-5
I	Cotton	4-5	4-5	Wool	4-5	4-5

Requirements

Oeko-Tex® requirements in all product classes: Min. rating 3-4 for staining.

Colour fastness to rubbing: Oeko-Tex® Standard 201, M-9-D and ISO 105-X12:2001

(1-5 scale, 5 best rating)

Load 9N

<u>Sample</u>	<u>Rubbing finger</u>	<u>Colour fastness to rubbing</u> <u>(dry)</u>
B	Cylindrical 16 mm	4-5
K	Cylindrical 16 mm	4-5
N	Cylindrical 16 mm	4-5

Requirements

Oeko-Tex® requirement in all product classes: Min. rating 4 staining.

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Colour fastness to saliva and perspiration: Oeko-Tex® Standard 201, M-9-A
(scale: fast – not fast)

<u>Sample</u>	<u>Colour fastness to saliva and perspiration</u>
A	Fast
B	Fast
C	Fast
E	Fast
G	Fast
H	Fast
I	Fast
K	Fast
L	Fast
M	Fast
N	Fast
O	Fast
P	Fast
Q	Fast
R	Fast

Requirements

Oeko-Tex® requirement in product class I: Fast

Heavy metals, Oeko-Tex® Standard 201, M-10 and M-11
Acidic perspiration extractable content. (mg/kg textile)

	<u>Sample</u> <u>B</u>	<u>Sample</u> <u>E</u>	<u>Sample</u> <u>G</u>	<u>Detection</u> <u>limit</u>	<u>Require-</u> <u>ments</u> <u>max.</u>
Antimony (Sb)	0,20	0,14	1,70	0,01	30
Arsenic (As)	< 0,02	< 0,02	< 0,02	0,02	0,2
Lead (Pb)	< 0,02	< 0,02	< 0,02	0,02	0,2
Cadmium (Cd)	< 0,02	< 0,02	< 0,02	0,02	0,1
Chromium (Cr)	< 0,02	< 0,02	0,02	0,02	1
Cobalt (Co)	< 0,01	< 0,01	< 0,01	0,01	1
Copper (Cu)	8,10	4,00	1,30	0,4	25
Nickel (Ni)	< 0,10	< 0,10	< 0,10	0,1	1
Mercury (Hg)	< 0,01	< 0,01	< 0,01	0,01	0,02
Barium (Ba)	< 2,00	< 2,00	< 2,00	2,00	1000
Selenium (Se)	< 0,40	< 0,40	< 0,40	0,40	100
Zinc (Zn)	< 2,00	< 2,00	< 2,00	2,00	750
Manganese (Mn)	< 0,40	< 0,40	< 0,40	0,40	90

Requirements

Oeko-Tex® requirement in product class I is shown in the last column.

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Heavy metals, Oeko-Tex® Standard 201, M-10 and M-11
Acidic perspiration extractable content. (mg/kg textile)

	<u>Sample</u> <u>H</u>	<u>Sample</u> <u>I</u>	<u>Sample</u> <u>L</u>	<u>Detection</u> <u>limit</u>	<u>Require-</u> <u>ments</u> <u>max.</u>
Antimony (Sb)	0,13	< 0,01	< 0,01	0,01	30
Arsenic (As)	< 0,02	< 0,02	< 0,02	0,02	0,2
Lead (Pb)	< 0,02	< 0,02	< 0,02	0,02	0,2
Cadmium (Cd)	< 0,02	< 0,02	< 0,02	0,02	0,1
Chromium (Cr)	< 0,02	< 0,02	< 0,02	0,02	1
Cobalt (Co)	< 0,01	< 0,01	< 0,01	0,01	1
Copper (Cu)	< 0,40	< 0,40	1,50	0,4	25
Nickel (Ni)	< 0,10	< 0,10	< 0,10	0,1	1
Mercury (Hg)	< 0,01	< 0,01	< 0,01	0,01	0,02
Barium (Ba)	< 2,00	< 2,00	< 2,00	2,00	1000
Selenium (Se)	< 0,40	< 0,40	< 0,40	0,40	100
Zinc (Zn)	< 2,00	< 2,00	< 2,00	2,00	750
Manganese (Mn)	< 0,40	< 0,40	< 0,40	0,40	90

Requirements

Oeko-Tex® requirement in product class I is shown in the last column.

Heavy metals, Oeko-Tex® Standard 201, M-10 and M-11
Acidic perspiration extractable content. (mg/kg textile)

	<u>Sample</u> <u>N</u>	<u>Sample</u> <u>P</u>	<u>Detection</u> <u>limit</u>	<u>Require-</u> <u>ments</u> <u>max.</u>
Antimony (Sb)	< 0,01	< 0,01	0,01	30
Arsenic (As)	< 0,02	< 0,02	0,02	0,2
Lead (Pb)	< 0,02	< 0,02	0,02	0,2
Cadmium (Cd)	< 0,02	< 0,02	0,02	0,1
Chromium (Cr)	< 0,02	< 0,02	0,02	1
Cobalt (Co)	< 0,01	< 0,01	0,01	1
Copper (Cu)	< 0,40	< 0,40	0,4	25
Nickel (Ni)	< 0,10	< 0,10	0,1	1
Mercury (Hg)	< 0,01	< 0,01	0,01	0,02
Barium (Ba)	< 2,00	< 2,00	2,00	1000
Selenium (Se)	< 0,40	< 0,40	0,40	100
Zinc (Zn)	< 2,00	< 2,00	2,00	750
Manganese (Mn)	< 0,40	< 0,40	0,40	90

Requirements

Oeko-Tex® requirement in product class I is shown in the last column.

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Heavy metals in digested sample, Oeko-Tex® Standard 201, metode M-21.
(Content in mg/kg textile)

	<u>Sample</u> <u>B</u>	<u>Sample</u> <u>G</u>	<u>Detection</u> <u>limit</u>	<u>Require-</u> <u>ments,</u> <u>max.</u>
Lead (Pb)	< 4,0	< 4,0	4,0	75,0
Cadmium (Cd)	< 0,20	< 0,20	0,20	40,0
Antimony (Sb)	0,89	0,84	0,2	-
Mercury (Hg)	< 0,10	< 0,10	0,10	0,50
Arsenic (As)	< 0,20	< 0,20	0,20	100,0

Requirements

Oeko-Tex requirement in product class I is shown in the last column.

Content of organic tin compounds. Oeko-Tex® Standard 201, M-17
(mg/kg textile)

	<u>Sample</u> <u>F</u>	<u>Sample</u> <u>J</u>	<u>Detec-</u> <u>tion</u> <u>limit</u>	<u>Re-</u> <u>quire-</u> <u>ments</u> <u>max.</u>
Tributyltin (TBT)	< 0,05	< 0,05	0,05	0,5
Dibutyltin (DBT)	< 0,05	< 0,05	0,05	0,5
Triphenyltin (TPhT)	< 0,05	< 0,05	0,05	0,5
Dioctyltin (DOT)	< 0,05	< 0,05	0,05	0,5
Dimethyltin (DMT)	< 0,05	< 0,05	0,05	0,5
Diphenyltin (DPhT)	< 0,05	< 0,05	0,05	0,5
Monomethyltin (MMT)	< 0,05	< 0,05	0,05	0,5
Monobutyltin (MBT)	< 0,05	< 0,05	0,05	0,5
Monooctyltin (MOT)	< 0,05	< 0,05	0,05	0,5
Tetrabutyltin (TeBT)	< 0,05	< 0,05	0,05	0,5
Tricyclohexyltin (TCyHT)	< 0,05	< 0,05	0,05	0,5
Trimethyltin (TMT)	< 0,05	< 0,05	0,05	0,5
Trioctyltin (TOT)	< 0,05	< 0,05	0,05	0,5
Tripropyltin (TPT)	< 0,05	< 0,05	0,05	0,5
Dipropyltin (DPT)	< 0,05	< 0,05	0,05	0,5
Monophenyltin (MPhT)	< 0,05	< 0,05	0,05	0,5
Tetraethyltin (TeET)	< 0,05	< 0,05	0,05	0,5
Tetraoctyltin (TeOT)	< 0,05	< 0,05	0,05	-

Requirements

Oeko-Tex® requirement in product class I is shown in the last column.

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Content of chlorinated phenols, OPP and phenol. Oeko-Tex® Standard 201, M-7 (mg/kg textile)

	<u>Sample</u> <u>L</u>	<u>Detec-</u> <u>tion</u> <u>limit</u>	<u>Require-</u> <u>ments</u> <u>max.</u>
Pentachlorphenol (PCP)	< 0,01	0,01	0,05
Tetrachlorphenols, sum (TeCP)	< 0,01	0,01	0,05
Trichlorophenols, sum (TrCP)	< 0,05	0,05	0,2
Dichlorophenols, sum (DCP)	< 0,05	0,05	0,5
Monochlorophenols (MCP)	< 0,05	0,05	0,5
Orthophenylphenol (OPP)	< 5,0	5,0	10
Phenol			20

Requirements

Oeko-Tex® requirement in product class I is given in the last column.

Content of polycyclic aromatic hydrocarbons (PAH). Oeko-Tex® Standard 201, M-23. (mg/kg textile)

	<u>Sample</u> <u>F</u>	<u>Sample</u> <u>S</u>	<u>Sample</u> <u>I</u>	<u>Detec-</u> <u>tion</u> <u>limit</u>	<u>Require-</u> <u>ments</u> <u>max.</u>
Acenaphtene	< 0,01	< 0,01	< 0,01	0,01	-
Acenaphthylen	< 0,01	< 0,01	< 0,01	0,01	-
Anthracene	< 0,01	< 0,01	< 0,01	0,01	-
Benzo[a]anthracene	< 0,01	< 0,01	< 0,01	0,01	0,5
Benzo[a]pyrene	< 0,01	< 0,01	< 0,01	0,01	0,5
Benzo[e]pyrene	< 0,01	< 0,01	< 0,01	0,01	0,5
Benzo[b]fluoranthene	< 0,01	< 0,01	< 0,01	0,01	0,5
Benzo[ghi]perylene	< 0,01	< 0,01	< 0,01	0,01	-
Benzo[j]fluoranthene	< 0,01	< 0,01	< 0,01	0,01	0,5
Benzo[k]fluoranthene	< 0,01	< 0,01	< 0,01	0,01	0,5
Chrysene	< 0,01	< 0,01	< 0,01	0,01	0,5
Cyclopenta[c,d]pyrene	< 0,01	< 0,01	< 0,01	0,01	-
Dibenzo[a,h]anthracene	< 0,01	< 0,01	< 0,01	0,01	0,5
Dibenzo[a,e]pyrene	< 0,01	< 0,01	< 0,01	0,01	-
Dibenzo[a,h]pyrene	< 0,01	< 0,01	< 0,01	0,01	-
Dibenzo[a,i]pyrene	< 0,01	< 0,01	< 0,01	0,01	-
Dibenzo[a,l]pyrene	< 0,01	< 0,01	< 0,01	0,01	-
Fluoranthene	< 0,01	< 0,01	< 0,01	0,01	-
Fluorene	< 0,01	< 0,01	< 0,01	0,01	-
Indeno[1,2,3-cd]pyrene	< 0,01	< 0,01	< 0,01	0,01	-
1-Methylpyrene	< 0,01	< 0,01	0,03	0,01	2,0
Naphtalene	< 0,01	< 0,01	< 0,01	0,01	-
Phenanthrene	< 0,01	< 0,01	< 0,01	0,01	-
Pyrene					5,0
Sum	Not de- tectable	Not de- tectable	0,03		

Requirements

Oeko-Tex® requirement in product class I is given in the last column.

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Content of arylamines. Oeko-Tex® Standard 201, M-3
Content of 4-aminoazobenzene. Oeko-Tex® Standard 201, M-19
(mg/kg textile)

	<u>Sam- ple F</u>	<u>Sam- ple J</u>	<u>Sam- ple K</u>	<u>De- tec- tion limit</u>	<u>Re- quire ment s max</u>
4-Aminobiphenyl	< 10	< 10	< 10	10	< 20
Benzidine	< 10	< 10	< 10	10	< 20
4-Chloro-o-toluidine	< 10	< 10	< 10	10	< 20
2-Naphthylamine	< 10	< 10	< 10	10	< 20
o-Aminoazotoluene	< 10	< 10	< 10	10	< 20
2-Amino-4-nitrotoluene	< 10	< 10	< 10	10	< 20
4-Chloraniline	< 10	< 10	< 10	10	< 20
2,4-Diaminoanisole	< 10	< 10	< 10	10	< 20
4,4'-Diaminodiphenylmethane	< 10	< 10	< 10	10	< 20
3,3'-Dichlorobenzidine	< 10	< 10	< 10	10	< 20
3,3'-Dimethoxybenzidine	< 10	< 10	< 10	10	< 20
3,3'-Dimethylbenzidine	< 10	< 10	< 10	10	< 20
4,4'-Methylenedi-o-toluidine	< 10	< 10	< 10	10	< 20
p-Cresidine	< 10	< 10	< 10	10	< 20
4,4'-Methylene-bis-(2-chloraniline)	< 10	< 10	< 10	10	< 20
4,4'-Oxydianiline	< 10	< 10	< 10	10	< 20
4,4'-Thiodianiline	< 10	< 10	< 10	10	< 20
o-Toluidine	< 10	< 10	< 10	10	< 20
2,4-Toluyldiamin	< 10	< 10	< 10	10	< 20
2,4,5-Trimethylaniline	< 10	< 10	< 10	10	< 20
o-Anisidine	< 10	< 10	< 10	10	< 20
2,4-Xylidin	< 10	< 10	< 10	10	< 20
2,6-Xylidin	< 10	< 10	< 10	10	< 20
Aniline (see note 1)	< 5	< 5	< 5	5	< 20
4-Aminoazobenzene (due to aniline)	< 10	< 10	< 10	10	< 20
4-Aminoazobenzene separately de- termined (M-19)	-	-	-	10	< 20
1,4-Phenylenediamin	< 10	< 10	< 10	10	-
N-Methylaniline	< 10	< 10	< 10	10	-
3,3-Diaminobenzidin	< 10	< 10	< 10	10	-
2-Amino-5Nitrothiazole	< 10	< 10	< 10	10	-
4-Ethoxyaniline	< 10	< 10	< 10	10	-
2,5-Diamintoluene	< 10	< 10	< 10	10	-

1) ≥ 10 mg/kg aniline indicates possible content of 4-aminoazobenzene.

Requirements

Oeko-Tex® requirement in product class I is given in the last column.

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Content of arylamines. Oeko-Tex® Standard 201, M-3
Content of 4-aminoazobenzene. Oeko-Tex® Standard 201, M-19
(mg/kg textile)

	<u>Sample</u> <u>P</u>	<u>Sample</u> <u>S</u>	<u>Detec-</u> <u>tion</u> <u>limit</u>	<u>Require-</u> <u>ments</u> <u>max</u>
4-Aminobiphenyl	< 10	< 10	10	< 20
Benzidine	< 10	< 10	10	< 20
4-Chloro-o-toluidine	< 10	< 10	10	< 20
2-Naphthylamine	< 10	< 10	10	< 20
o-Aminoazotoluene	< 10	< 10	10	< 20
2-Amino-4-nitrotoluene	< 10	< 10	10	< 20
4-Chloraniline	< 10	< 10	10	< 20
2,4-Diaminoanisole	< 10	< 10	10	< 20
4,4'-Diaminodiphenylmethane	< 10	< 10	10	< 20
3,3'-Dichlorobenzidine	< 10	< 10	10	< 20
3,3'-Dimethoxybenzidine	< 10	< 10	10	< 20
3,3'-Dimethylbenzidine	< 10	< 10	10	< 20
4,4'-Methylenedi-o-toluidine	< 10	< 10	10	< 20
p-Cresidine	< 10	< 10	10	< 20
4,4'-Methylene-bis-(2-chloraniline)	< 10	< 10	10	< 20
4,4'-Oxydianiline	< 10	< 10	10	< 20
4,4'-Thiodianiline	< 10	< 10	10	< 20
o-Toluidine	< 10	< 10	10	< 20
2,4-Toluyldiamin	< 10	< 10	10	< 20
2,4,5-Trimethylaniline	< 10	< 10	10	< 20
o-Anisidine	< 10	< 10	10	< 20
2,4-Xylidin	< 10	< 10	10	< 20
2,6-Xylidin	< 10	< 10	10	< 20
Aniline (see note 1)	< 5	< 5	5	< 20
4-Aminoazobenzene (due to aniline)	< 10	< 10	10	< 20
4-Aminoazobenzene separately de- termined (M-19)	-	-	10	< 20
1,4-Phenylenediamin	< 10	< 10	10	-
N-Methylaniline	< 10	< 10	10	-
3,3-Diaminobenzidin	< 10	< 10	10	-
2-Amino-5Nitrothiazole	< 10	< 10	10	-
4-Ethoxyaniline	< 10	< 10	10	-
2,5-Diamintoluene	< 10	< 10	10	-

1) ≥ 10 mg/kg aniline indicates possible content of 4-aminoazobenzene.

Requirements

Oeko-Tex® requirement in product class I is given in the last column.

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Content of banned disperse dyes. Oeko-Tex® Standard 201, M-4
(mg/kg textile)

	<u>Sample</u>
<u>Allergenic disperse dyes:</u>	<u>K</u>
Disperse Blue 1	< 20
Disperse Blue 3	< 20
Disperse Blue 7	< 20
Disperse Blue 26	< 20
Disperse Blue 35	< 20
Disperse Blue 102	< 20
Disperse Blue 106	< 20
Disperse Blue 124	< 20
Disperse Brown 1	< 20
Disperse Orange 1	< 20
Disperse Orange 3	< 20
Disperse Orange	< 20
37/59/76	< 20
Disperse Red 1	< 20
Disperse Red 11	< 20
Disperse Red 17	< 20
Disperse Yellow 1	< 20
Disperse Yellow 3	< 20
Disperse Yellow 9	< 20
Disperse Yellow 39	< 20
Disperse Yellow 49	< 20
<u>Carcinogenic disperse</u>	
<u>dyes:</u>	
Disperse Blue 1	< 20
Disperse Yellow 3	< 20
Disperse Orange 11	< 20
<u>Other banned dyes:</u>	
Disperse Yellow 23	< 20
Disperse Orange 149	< 20
Basic Green (oxalate)	< 20
Basic Green (chloride)	< 20
Basic Green (free)	< 20
Quinolin	< 20
Solvent Yellow 2	< 20
Solvent Yellow 14	< 20
Basic Violet 1	< 20
Direct Blue 218	< 20
Acid Violet 49	< 20

Requirements

Oeko-Tex® requirement in all product classes: < 50 mg/kg.

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Content of chlorinated benzenes and toluenes.
Oeko-Tex® Standard 201, M-2
(mg/kg textile)

	<u>Sample</u>	<u>Detection</u>
	<u>K</u>	<u>limit</u>
Chlorobenzene	< 0,05	0,05
Dichlorobenzenes	< 0,01	0,01
Trichlorobenzenes	< 0,01	0,01
Tetrachlorobenzenes	< 0,01	0,01
Pentachlorobenzenes	0,19	0,01
Hexachlorobenzene	< 0,01	0,01
Chlorotoluenes	< 0,01	0,01
Dichlorotoluenes	< 0,01	0,01
Trichlorotoluenes	< 0,01	0,01
Tetrachlorotoluenes	< 0,01	0,01
Pentachlorotoluene	< 0,01	0,01
Sum	0,19	

Requirements

Oeko-Tex® requirement in all product classes: ≤ 1.0 mg/kg.

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Content of phthalates. Oeko-Tex® Standard 201, M-18
(mg/kg textile)

	<u>Sample</u> <u>A</u>	<u>Sample</u> <u>D</u>	<u>Detection</u> <u>limit</u>
Butylbenzylphthalate (BBP)	< 0,001	< 0,001	0,001
Di-butylphthalate (DBP)	< 0,001	< 0,001	0,001
Di-(2-ethylhexyl)-phthalate (DEHP)	< 0,001	< 0,001	0,001
Di-(2-methoxyethyl)-phthalate (DMEP)	< 0,001	< 0,001	0,001
Di-C6-8-branched alkylphthalates, C7 rich (DIHP)	< 0,001	< 0,001	0,001
Di-C7-11-branched and linear alkylphthalates (DHNUP)	< 0,001	< 0,001	0,001
Di-cyclohexylphthalate (DCHP)	< 0,001	< 0,001	0,001
Di-hexylphthalate, branched and linear (DHxP)	< 0,001	< 0,001	0,001
Di-iso-butylphthalate (DIBP)	< 0,001	< 0,001	0,001
Di-iso-decylphthalate (DIDP)	< 0,001	< 0,001	0,001
Di-iso-hexcylphthalate (DIHxP)	< 0,001	< 0,001	0,001
Di-n-hexcylphthalate (DHP)	< 0,001	< 0,001	0,001
Di-n-octylphthalate (DNOP)	< 0,001	< 0,001	0,001
Di-pentylphthalate (n-, iso- or mixed) (DPP)	< 0,001	< 0,001	0,001
Di-iso-nonylphthalate (DINP)	< 0,001	< 0,001	0,001
Diethylphthalate (DEP)	< 0,001	< 0,001	0,001
Di-iso-octylphthalat (DIOP)	< 0,001	< 0,001	0,001
Di-n-propylphthalate (DPrP)	< 0,001	< 0,001	0,001
Di-n-nonylphthalate (DNP)	< 0,001	< 0,001	0,001
1,2-Benzenedicarboxylic acid, di-C6-10 alkyl esters	< 0,001	< 0,001	0,001
1,2-Benzenedicarboxylic acid, mixed decyl, hexyl, octyl diesters	< 0,001	< 0,001	0,001
Sum w/DINP	< 0,001	< 0,001	0,001
Sum w/o DINP	< 0,001	< 0,001	0,001
Components of DHNUP			
DDDP	< 0,001	< 0,001	0,001
Bisphenol A (4,4'-Isopropylidenediphenol)	< 0,0001	< 0,0001	0,0001
D4 (Octamethylcyclotetrasiloxane)	< 0,001	< 0,001	0,001
D5 (Decamethylcyclopentasiloxane)	< 0,001	< 0,001	0,001
D6 (Dodecamethylcyclohexasiloxane)Sum	< 0,001	< 0,001	0,001

Requirements

Oeko-Tex® requirement in product class I: Sum ≤ 0,025% (= 250 mg/kg).

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Surfactants and wetting agents residues (alkylphenols og alkylphenol ethoxylates).
Oeko-Tex® Standard 201, M-25
(mg/kg textile)

	<u>Sample</u> <u>C</u>	<u>Sample</u> <u>O</u>	<u>Detec-</u> <u>tion</u> <u>limit</u>	<u>Require-</u> <u>ments</u>
Pentylphenol (PeP)	< 0,1	< 0,1	0,1	
Hexylphenol (HxP)	< 0,1	< 0,1	0,1	
Heptylphenol (HpP)	< 0,1	< 0,1	0,1	
Octylphenol (OP)	< 0,1	< 0,1	0,1	
Nonylphenol (NP)	< 0,1	< 0,1	0,1	
Sum AP	< 0,1	< 0,1	0,1	<5,0
Octylphenoethoxylat (OPEO)	< 1,0	< 1,0	1,0	
Nonylphenoethoxylat (NPEO)	< 1,0	< 1,0	1,0	
Sum AP & APEO	< 0,1	< 0,1	0,1	<50,0
4-tert-butylphenol	< 0,1	< 0,1	0,1	

Requirements

Oeko-Tex® requirement in product class I is shown in the last column.

Chlorinated solvents. Oeko-Tex® Standard 201, M-31
(Content in mg/kg tekstile)

	<u>Sample</u> <u>A</u>	<u>Sample</u> <u>I</u>	<u>Sample</u> <u>R</u>	<u>Detec-</u> <u>tion</u> <u>limit</u>	<u>Require-</u> <u>ments,</u> <u>max</u>
Dichloromethane	< 0,1	< 0,1	< 0,1	0,1	1,0
Chloroform (Trichloro- methane)	< 0,1	< 0,1	< 0,1	0,1	1,0
Tetrachloromethane	< 0,1	< 0,1	< 0,1	0,1	1,0
1,1-Dichloroethane	< 0,1	< 0,1	< 0,1	0,1	1,0
1,2-Dichloroethane	< 0,1	< 0,1	< 0,1	0,1	1,0
1,1,1-Trichloroethane	< 0,1	< 0,1	< 0,1	0,1	1,0
1,1,2-Trichloroethane	< 0,1	< 0,1	< 0,1	0,1	1,0
1,1,1,2-Tetrachloroethane	< 0,1	< 0,1	< 0,1	0,1	1,0
1,1,2,2-Tetrachloroethane	< 0,1	< 0,1	< 0,1	0,1	1,0
Pentachloroethane	< 0,1	< 0,1	< 0,1	0,1	1,0
1,1-Dichloroethylene	< 0,1	< 0,1	< 0,1	0,1	1,0
1,2-Dichloroethylene	< 0,1	< 0,1	< 0,1	0,1	1,0
Trichloroethylene	< 0,1	< 0,1	< 0,1	0,1	1,0
Tetra(Per)chloroethylene	Not de- tectable	Not de- tectable	Not de- tectable	1,4	5,0
Sum					

Requirements

Oeko-Tex® requirement in product class I is shown in the last column.

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Other VOCs (volatile organic compounds) and glycols. Oeko-Tex® Standard 201, M-31

(Content in mg/kg textile)

	<u>Sample</u> <u>A</u>	<u>Sample</u> <u>I</u>	<u>Sample</u> <u>R</u>	<u>Detec-</u> <u>tion</u> <u>limit</u>	<u>Require-</u> <u>ments,</u> <u>max</u>
Methylethylketone	< 0,10	< 0,10	< 0,10	0,1	10,0
Ethylbenzene	< 0,10	< 0,10	< 0,10	0,1	10,0
Xylene	< 0,10	< 0,10	< 0,10	0,1	10,0
Cyclohexanone	< 0,10	< 0,10	< 0,10	0,1	10,0
2-Ethoxyethylacetate	< 0,10	< 0,10	< 0,10	0,1	10,0
1,2,3-Trichloropropane	< 0,10	< 0,10	< 0,10	0,1	10,0
Acetophenone	0,53	< 0,10	< 0,10	0,1	10,0
Naphtalene	< 0,10	< 0,10	< 0,10	0,1	10,0
2-Phenyl-2-propanole	0,44	0,24	0,51	0,1	10,0
Bis(2-methoxymethyl) ether	< 0,10	< 0,10	< 0,10	0,1	10,0
Styrene	< 0,10	< 0,10	< 0,10	0,1	10,0
Benzene	< 0,10	< 0,10	< 0,10	0,1	1,0
Toluene	< 0,10	< 0,10	< 0,10	0,1	10,0
1-Methyl-2-pyrrolidon	< 0,10	< 0,10	< 0,10	0,1	10,0
N,N-Dimethylacetamid	< 0,10	< 0,10	< 0,10	0,1	10,0
N,N-Dimethylformamide	< 0,10	< 0,10	< 0,10	0,1	10,0
2-Ethoxyethanol	< 0,10	< 0,10	< 0,10	0,1	10,0
Ethylene glycol dimethyl ether	< 0,10	< 0,10	< 0,10	0,1	10,0
2-Methoxyethanole	< 0,10	< 0,10	< 0,10	0,1	10,0
2-Methoxyethylacetate	< 0,10	< 0,10	< 0,10	0,1	10,0
2-Methoxypropylacetate	< 0,10	< 0,10	< 0,10	0,1	10,0
Triethylene glycol dimethyl ether					

Requirements

Oeko-Tex® requirement in product class I is shown in the last column.

Cresoles. Oeko-Tex® Standard 201, M-31

(Content in mg/kg textile)

	<u>Sample</u> <u>A</u>	<u>Sample</u> <u>I</u>	<u>Sample</u> <u>R</u>	<u>Detec-</u> <u>tion</u> <u>limit</u>	<u>Require-</u> <u>ments,</u> <u>max</u>
o-Cresol	< 0,10	< 0,10	< 0,10	0,1	10,0
m-Cresol	< 0,10	< 0,10	< 0,10	0,1	10,0
p-Cresol	< 0,10	< 0,10	< 0,10	0,1	10,0

Requirements

Oeko-Tex® requirement in product class I is shown in the last column.