

# Test Report

Report No.: TS24031137



Verify authenticity

Applicant BAGCO LTD

Address /

Report Date 2024-03-28

**Hangzhou C&K Testing Technic Co., Ltd.**



Hangzhou C&K Testing Technic Co., Ltd

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# Test Report

<b>Applicant</b>	BAGCO LTD
<b>Address</b>	/
<b>Sample Name</b>	500*500D/PU RPET with PU backing
<b>Type/ Model</b>	/
<b>Material/Colour</b>	BLACK/NAVY
<b>Other Info.</b>	/
The sample information included above and test component(s) are provided and confirmed by the applicant	
<b>Sample Received Date</b>	2024-03-25
<b>Test Period</b>	2024-03-25~2024-03-28
<b>Test Requirement</b>	Two hundred and thirty-five (240) Substances of Very High Concern (SVHC) analysis. SVHC list is based on the publication by European Chemical Agency (ECHA), regarding regulation (EC) No 1907/2006 concerning the REACH (240 SVHCs are less than the concentration limit of 0.1 % weight by weight (w/w).).
<b>Test Method</b>	CIRS-CG001-2021, CIRS-CG002-2021, CIRS-CG003-2021, CIRS-CG004-2021, CIRS-CG005-2021, CIRS-CG006-2021, CIRS-CG007-2021, CIRS-CG008-2021, CIRS-CG009-2021, CIRS-CG010-2021, CIRS-CG011-2021, CIRS-CG012-2021, CIRS-CG013-2021, CIRS-CG014-2021, CIRS-CG015-2021, CIRS-CG016-2021, CIRS-CG020-2021, CIRS-CG021-2021, CIRS-CG027-2022
<b>Test Results</b>	The concentrations of the 240 SVHCs defined in Article 57 of REACH Regulation in the client's product(s) are less than the concentration limit of 0.1 % weight by weight (w/w).

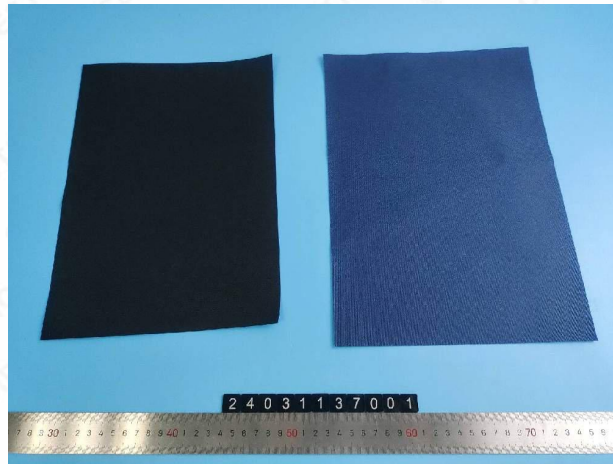
Prepared by: Beta Xu Reviewed by: Li Xuefeng Accredited Signatory by: {sign2}

Beta Xu Li Xuefeng {sign2Real}

Issue date: 2024-03-28

**Test Component(s):**

No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
001	TS24031137001	500*500D/PU RPET with PU backing	/	BLACK/NAVY	/

**Photo(s):**

**Test Result(s):**

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					001
1	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	100	mg/kg	N.D.
2	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2	100	mg/kg	N.D.
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	100	mg/kg	N.D.
4	Anthracene	120-12-7	100	mg/kg	N.D.
5	Benzyl butyl phthalate (BBP)	85-68-7	100	mg/kg	N.D.
6	Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	100	mg/kg	N.D.
7	Bis(tributyltin)oxide (TBTO)	56-35-9	100	mg/kg	N.D.
8	Cobalt dichloride	7646-79-9	100	mg/kg	N.D.
9	Diarsenic pentaoxide	1303-28-2	100	mg/kg	N.D.
10	Diarsenic trioxide	1327-53-3	100	mg/kg	N.D.
11	Dibutyl phthalate (DBP)	84-74-2	100	mg/kg	N.D.
12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Hexabromocyclododecane, 1,2,5,6,9,10-hexabromocyclododecane, Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4, 3194-55-6 134237-50-6 134237-51-7 134237-52-8	100	mg/kg	N.D.
13	Lead hydrogen arsenate	7784-40-9	100	mg/kg	N.D.
14	Sodium dichromate	7789-12-0, 10588-01-9	100	mg/kg	N.D.
15	Triethyl arsenate	15606-95-8	100	mg/kg	N.D.
16	2,4-Dinitrotoluene	121-14-2	100	mg/kg	N.D.
17	Anthracene oil	90640-80-5	100	mg/kg	N.D.
18	Anthracene oil, anthracene paste	90640-81-6	100	mg/kg	N.D.
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	100	mg/kg	N.D.
20	Anthracene oil, anthracene paste, distn. lights	91995-17-4	100	mg/kg	N.D.
21	Anthracene oil, anthracene-low	90640-82-7	100	mg/kg	N.D.
22	Diisobutyl phthalate	84-69-5	100	mg/kg	N.D.
23	Lead chromate	7758-97-6	100	mg/kg	N.D.
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	100	mg/kg	N.D.
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	100	mg/kg	N.D.
26	Pitch, coal tar, high temp.	65996-93-2	100	mg/kg	N.D.
27	Tris(2-chloroethyl) phosphate	115-96-8	100	mg/kg	N.D.

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No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					001
28	Acrylamide	79-06-1	100	mg/kg	N.D.
29	Ammonium dichromate	7789-09-5	100	mg/kg	N.D.
30	Boric acid (Boric acid; Boric acid, crude natural)	10043-35-3, 11113-50-1	100	mg/kg	N.D.
31	Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3	100	mg/kg	N.D.
32	Potassium chromate	7789-00-6	100	mg/kg	N.D.
33	Potassium dichromate	7778-50-9	100	mg/kg	N.D.
34	Sodium chromate	7775-11-3	100	mg/kg	N.D.
35	Tetraboron disodium heptaoxide, hydrate	12267-73-1	100	mg/kg	N.D.
36	Trichloroethylene	79-01-6	100	mg/kg	N.D.
37	2-Ethoxyethanol	110-80-5	100	mg/kg	N.D.
38	2-Methoxyethanol	109-86-4	100	mg/kg	N.D.
39	Acids generated from chromium trioxide and their oligomers (Dichromic acid, Oligomers of chromic acid and dichromic acid, Chromic acid)	13530-68-2, 7738-94-5	100	mg/kg	N.D.
40	Chromium trioxide	1333-82-0	100	mg/kg	N.D.
41	Cobalt (II) carbonate	513-79-1	100	mg/kg	N.D.
42	Cobalt(II) diacetate	71-48-7	100	mg/kg	N.D.
43	Cobalt(II) dinitrate	10141-05-6	100	mg/kg	N.D.
44	Cobalt (II) sulphate	10124-43-3	100	mg/kg	N.D.
45	1,2,3-trichloropropane	96-18-4	100	mg/kg	N.D.
46	1, 2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	100	mg/kg	N.D.
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	100	mg/kg	N.D.
48	1-Methyl-2-pyrrolidone (NMP)	872-50-4	100	mg/kg	N.D.
49	2-Ethoxyethyl acetate	111-15-9	100	mg/kg	N.D.
50	Hydrazine	7803-57-8 302-01-2	100	mg/kg	N.D.
51	Strontium chromate	7789-06-2	100	mg/kg	N.D.
52	1,2-dichloroethane	107-06-2	100	mg/kg	N.D.
53	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	100	mg/kg	N.D.
54	2-Methoxyaniline, o-Anisidine	90-04-0	100	mg/kg	N.D.
55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	100	mg/kg	N.D.
56*	Aluminosilicate Refractory Ceramic Fibres	--	100	mg/kg	N.D.

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No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					001
57	Arsenic acid	7778-39-4	100	mg/kg	N.D.
58	Bis(2-methoxyethyl) ether	111-96-6	100	mg/kg	N.D.
59	Bis(2-methoxyethyl) phthalate	117-82-8	100	mg/kg	N.D.
60	Calcium arsenate	7778-44-1	100	mg/kg	N.D.
61	Dichromium tris(chromate)	24613-89-6	100	mg/kg	N.D.
62	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	100	mg/kg	N.D.
63	Lead diazide, Lead azide	13424-46-9	100	mg/kg	N.D.
64	Lead dipicrate	6477-64-1	100	mg/kg	N.D.
65	Lead styphnate	15245-44-0	100	mg/kg	N.D.
66	N,N-dimethylacetamide	127-19-5	100	mg/kg	N.D.
67	Pentazinc chromate octahydroxide	49663-84-5	100	mg/kg	N.D.
68	Phenolphthalein	77-09-8	100	mg/kg	N.D.
69	Potassium hydroxyoctaoxidizincatedichromate	11103-86-9	100	mg/kg	N.D.
70	Trilead diarsenate	3687-31-8	100	mg/kg	N.D.
71*	Zirconia Aluminosilicate, Refractory Ceramic Fibres	--	100	mg/kg	N.D.
72	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	100	mg/kg	N.D.
73	1,2-bis (2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	100	mg/kg	N.D.
74	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	100	mg/kg	N.D.
75	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	100	mg/kg	N.D.
76**	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	100	mg/kg	N.D.
77	4,4'-bis (dimethylamino) benzophenone (Michler's ketone)	90-94-8	100	mg/kg	N.D.
78**	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	100	mg/kg	N.D.
79**	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	100	mg/kg	N.D.
80	Diboron trioxide	1303-86-2	100	mg/kg	N.D.
81	Formamide	75-12-7	100	mg/kg	N.D.
82	Lead (II) bis (methanesulfonate)	17570-76-2	100	mg/kg	N.D.

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No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					001
83	N, N, N', N' -tetramethyl -4,4' -methylenedianiline (Michler's base)	101-61-1	100	mg/kg	N.D.
84**	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	100	mg/kg	N.D.
85	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	100	mg/kg	N.D.
86	1,2-diethoxyethane	629-14-1	100	mg/kg	N.D.
87	1-bromopropane (n-propyl bromide)	106-94-5	100	mg/kg	N.D.
88	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	100	mg/kg	N.D.
89	4,4'-methylenedi-o-toluidine	838-88-0	100	mg/kg	N.D.
90	4,4'-oxydianiline and its salts (4,4'-oxydianiline)	101-80-4	100	mg/kg	N.D.
91	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	--	100	mg/kg	N.D.
92	4-aminoazobenzene	60-09-3	100	mg/kg	N.D.
93	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	100	mg/kg	N.D.
94	4-Nonylphenol, branched and linear	--	100	mg/kg	N.D.
95	6-methoxy-m-toluidine (p-cresidine)	120-71-8	100	mg/kg	N.D.
96	[Phthalato(2-)]dioxotrilead	69011-06-9	100	mg/kg	N.D.
97	Acetic acid, lead salt, basic	51404-69-4	100	mg/kg	N.D.
98	Biphenyl-4-ylamine	92-67-1	100	mg/kg	N.D.
99	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	100	mg/kg	N.D.
100	Cyclohexane-1,2-dicarboxylic anhydride(Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride; trans-cyclohexane-1,2-dicarboxylic anhydride)	85-42-7, 13149-00-3, 14166-21-3	100	mg/kg	N.D.
101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3	100	mg/kg	N.D.
102	Dibutyltin dichloride (DBTC)	683-18-1	100	mg/kg	N.D.
103	Diethyl sulphate	64-67-5	100	mg/kg	N.D.
104	Diisopentyl phthalate (DIPP)	605-50-5	100	mg/kg	N.D.
105	Dimethyl sulphate	77-78-1	100	mg/kg	N.D.
106	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	100	mg/kg	N.D.
107	Dioxobis(stearato)trilead	12578-12-0	100	mg/kg	N.D.
108	Fatty acids, C16-18, lead salts	91031-62-8	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					001
109	Furan	110-00-9	100	mg/kg	N.D.
110	Henicosaflluoroundecanoic acid	2058-94-8	100	mg/kg	N.D.
111	Heptacosaflluorotetradecanoic acid	376-06-7	100	mg/kg	N.D.
112	Hexahydromethylphthalic anhydride (Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride)	25550-51-0, 19438-60-9, 57110-29-9	100	mg/kg	N.D.
113	Lead bis(tetrafluoroborate)	13814-96-5	100	mg/kg	N.D.
114	Lead cyanamidate	20837-86-9	100	mg/kg	N.D.
115	Lead dinitrate	10099-74-8	100	mg/kg	N.D.
116	Lead monoxide (Lead oxide)	1317-36-8	100	mg/kg	N.D.
117	Lead oxide sulfate	12036-76-9	100	mg/kg	N.D.
118	Lead titanium trioxide	12060-00-3	100	mg/kg	N.D.
119	Lead titanium zirconium oxide	12626-81-2	100	mg/kg	N.D.
120	Methoxyacetic acid	625-45-6	100	mg/kg	N.D.
121	Methyloxirane (Propylene oxide)	75-56-9	100	mg/kg	N.D.
122	N,N-dimethylformamide	68-12-2	100	mg/kg	N.D.
123	N-methylacetamide	79-16-3	100	mg/kg	N.D.
124	N-pentyl-isopentylphthalate	776297-69-9	100	mg/kg	N.D.
125	o-aminoazotoluene	97-56-3	100	mg/kg	N.D.
126	o-toluidine	95-53-4	100	mg/kg	N.D.
127	Orange lead (Lead tetroxide)	1314-41-6	100	mg/kg	N.D.
128	Pentacosaflluorotridecanoic acid	72629-94-8	100	mg/kg	N.D.
129	Pentalead tetraoxide sulphate	12065-90-6	100	mg/kg	N.D.
130	Pyrochlore, antimony lead yellow	8012-00-8	100	mg/kg	N.D.
131	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped	68784-75-8	100	mg/kg	N.D.
132	Silicic acid, lead salt	11120-22-2	100	mg/kg	N.D.
133	Sulfurous acid, lead salt, dibasic	62229-08-7	100	mg/kg	N.D.
134	Tetraethyllead	78-00-2	100	mg/kg	N.D.
135	Tetralead trioxide sulphate	12202-17-4	100	mg/kg	N.D.
136	Tricosaflluorododecanoic acid	307-55-1	100	mg/kg	N.D.
137	Trilead bis(carbonate) dihydroxide	1319-46-6	100	mg/kg	N.D.
138	Trilead dioxide phosphonate	12141-20-7	100	mg/kg	N.D.
139	4-Nonylphenol, branched and linear, ethoxylated[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues,	--	100	mg/kg	N.D.



No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					001
	which include any of the individual isomers and/or combinations thereof]				
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	100	mg/kg	N.D.
141	Cadmium	7440-43-9	100	mg/kg	N.D.
142	Cadmium oxide	1306-19-0	100	mg/kg	N.D.
143	Dipentyl phthalate (DPP)	131-18-0	100	mg/kg	N.D.
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	100	mg/kg	N.D.
145	Cadmium sulphide	1306-23-6	100	mg/kg	N.D.
146	Dihexyl phthalate	84-75-3	100	mg/kg	N.D.
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	100	mg/kg	N.D.
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo) naphthalene-2,7-disulphonate(C.I. Direct Black 38)	1937-37-7	100	mg/kg	N.D.
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	100	mg/kg	N.D.
150	Lead di(acetate)	301-04-2	100	mg/kg	N.D.
151	Trixylyl phosphate	25155-23-1	100	mg/kg	N.D.
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	100	mg/kg	N.D.
153	Cadmium chloride	10108-64-2	100	mg/kg	N.D.
154	Sodium perborate; perboric acid, sodium salt	--	100	mg/kg	N.D.
155	Sodium peroxometaborate	7632-04-4	100	mg/kg	N.D.
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	100	mg/kg	N.D.
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	100	mg/kg	N.D.
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	100	mg/kg	N.D.
159	Cadmium fluoride	7790-79-6	100	mg/kg	N.D.
160	Cadmium sulphate	10124-36-4; 31119-53-6	100	mg/kg	N.D.
161	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	--	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					001
	(reaction mass of DOTE and MOTE)				
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5) (1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters, 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters)	68515-51-5; 68648-93-1	100	mg/kg	N.D.
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1]; 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2]; [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	--	100	mg/kg	N.D.
164	1,3-propanesultone	1120-71-4	100	mg/kg	N.D.
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	100	mg/kg	N.D.
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	100	mg/kg	N.D.
167	Nitrobenzene	98-95-3	100	mg/kg	N.D.
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts (Perfluorononan-1-oic-acid, Sodium salts of perfluorononan-1-oic-acid, Ammonium salts of perfluorononan-1-oic-acid)	375-95-1 21049-39-8 4149-60-4	100	mg/kg	N.D.
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	100	mg/kg	N.D.
170	4,4'-isopropylidenediphenol (Bisphenol A; BPA)	80-05-7	100	mg/kg	N.D.
171	4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	--	100	mg/kg	N.D.
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts (Nonadecafluorodecanoic acid, Ammonium nonadecafluorodecanoate, sodium nonadecafluorodecanoate, Decanoic acid, nonadecafluoro-	335-76-2, 3108-42-7, 3830-45-3	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					001
	sodium salt)				
173	p-(1,1-Dimethylpropyl)phenol	80-46-6	100	mg/kg	N.D.
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	--	100	mg/kg	N.D.
175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.0 2,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	--	100	mg/kg	N.D.
176	Benzo(a)anthracene	56-55-3	100	mg/kg	N.D.
177	Cadmium carbonate	513-78-0	100	mg/kg	N.D.
178	Cadmium hydroxide	21041-95-2	100	mg/kg	N.D.
179	Cadmium nitrate	10325-94-7	100	mg/kg	N.D.
180	Chrysene	218-01-9	100	mg/kg	N.D.
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear	--	100	mg/kg	N.D.
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	100	mg/kg	N.D.
183	Benzo[ghi]perylene	191-24-2	100	mg/kg	N.D.
184	Decamethylcyclopentasiloxane (D5)	541-02-6	100	mg/kg	N.D.
185	Dicyclohexyl phthalate (DCHP)	84-61-7	100	mg/kg	N.D.
186	Disodium octaborate	12008-41-2	100	mg/kg	N.D.
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	100	mg/kg	N.D.
188	Ethylenediamine (EDA)	107-15-3	100	mg/kg	N.D.
189	Lead	7439-92-1	100	mg/kg	N.D.
190	Octamethylcyclotetrasiloxane (D4)	556-67-2	100	mg/kg	N.D.
191	Terphenyl hydrogenated	61788-32-7	100	mg/kg	N.D.
192	1,7,7-trimethyl-3- (phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)	15087-24-8	100	mg/kg	N.D.
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	100	mg/kg	N.D.
194	Benzo[k]fluoranthene	207-08-9	100	mg/kg	N.D.
195	Fluoranthene	206-44-0	100	mg/kg	N.D.
196	Phenanthrene	85-01-8	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					001
197	Pyrene	129-00-0	100	mg/kg	N.D.
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	--	100	mg/kg	N.D.
199	2-methoxyethyl acetate	110-49-6	100	mg/kg	N.D.
200	4-tert-butylphenol	98-54-4	100	mg/kg	N.D.
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq$ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	--	100	mg/kg	N.D.
202	2-benzyl-2-dimethylamine-4'-morpholinobutyrophenone (CG 25-369; IRGACURE 369; TK 11-319)	119313-12-1	100	mg/kg	N.D.
203	2-methy-1-(4-methylthiophenyl)-2-morpholinobutyropan-1-one	71868-10-5	100	mg/kg	N.D.
204	Diisohexyl phthate	71850-09-4	100	mg/kg	N.D.
205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	100	mg/kg	N.D.
206	1-vinylimidazole	1072-63-5	100	mg/kg	N.D.
207	2-methylimidazole	693-98-1	100	mg/kg	N.D.
208	Butyl 4-hydroxybenzoate	94-26-8	100	mg/kg	N.D.
209	Dibutylbis (pentane-2,4-dionato-O,O') tin	22673-19-4	100	mg/kg	N.D.
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	100	mg/kg	N.D.
211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C 12 is the predominant carbon number of the fatty acyloxy moiety	3468-18-8	100	mg/kg	N.D.
212	1,4-dioxane	123-91-1	100	mg/kg	N.D.
213	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	--	100	mg/kg	N.D.
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	--	100	mg/kg	N.D.
215	4,4'-(1-methylpropylidene)bisphenol	77-40-7	100	mg/kg	N.D.
216	Glutaral	111-30-8	100	mg/kg	N.D.

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No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					001
217	Medium-chain chlorinated paraffins (MCCPs) (UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17)	--	100	mg/kg	N.D.
218	orthoboric acid, sodium salt	--	100	mg/kg	N.D.
219	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/or combinations thereof (PDDP)	--	100	mg/kg	N.D.
220	(±)-1,7,7-trimethyl-3-(4-methylphenyl)methylenebicyclo[2,2,1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	36861-47-9	100	mg/kg	N.D.
221	6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol (DBMC)	119-47-1	100	mg/kg	N.D.
222	S-(tricyclo[5.2.1.0 <sup>2,6</sup> ]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	100	mg/kg	N.D.
223	tirs (2-methoxyethoxy) vinylsilane	1067-53-4	100	mg/kg	N.D.
224	N-(hydroxymethyl)acrylamide	924-42-5	100	mg/kg	N.D.
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	100	mg/kg	N.D.
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	100	mg/kg	N.D.
227	4,4'-sulphonyldiphenol	80-09-1	100	mg/kg	N.D.
228	Barium diboron tetraoxide	13701-59-2	100	mg/kg	N.D.
229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	26040-51-7	100	mg/kg	N.D.
230	Isobutyl 4-hydroxybenzoate	4247-02-3	100	mg/kg	N.D.
231	Melamine	108-78-1	100	mg/kg	N.D.
232	Perfluoroheptanoic acid and its salts	375-85-9	100	mg/kg	N.D.
233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	--	100	mg/kg	N.D.
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					001
235	Bis(4-chlorophenyl) sulphone	80-07-9	100	mg/kg	N.D.
236	2,4,6-tri-tert-butylphenol	732-26-3	100	mg/kg	N.D.
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	100	mg/kg	N.D.
238	2-(dimethylamina)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	100	mg/kg	N.D.
239	Bumetrizole	3896-11-5	100	mg/kg	N.D.
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	--	100	mg/kg	N.D.

**Remarks:**

1. 1000mg/kg = 1000ppm = 0.1%. N.D. = Not detected (<MDL); MDL = Method Detection Limits.
2. \*: Be covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures:
  - (56\*) Aluminosilicate Refractory Ceramic Fibres
    - a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges
    - b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres ( $\mu\text{m}$ )
    - c) alkaline oxide and alkali earth oxide ( $\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$ ) content less or equal to 18% by weight
  - (71\*) Zirconia Aluminosilicate Refractory Ceramic Fibres
    - a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges.
    - b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres ( $\mu\text{m}$ ).
    - c) alkaline oxide and alkali earth oxide ( $\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$ ) content less or equal to 18% by weight.
3. \*\* (Items 76, 78, 79, 84) [with  $\geq 0.1\%$  of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] is identified as a substance meeting the criteria of Article 57 (a) of Regulation (EC) 1907/2006 (REACH) owing to its classification as carcinogen category 1A or 1B.
4. The substances are tested by in-house methods: CIRS-CG001-2021, CIRS-CG002-2021, CIRS-CG003-2021, CIRS-CG004-2021, CIRS-CG005-2021, CIRS-CG006-2021, CIRS-CG007-2021, CIRS-CG008-2021, CIRS-CG009-2021, CIRS-CG010-2021, CIRS-CG011-2021, CIRS-CG012-2021, CIRS-CG013-2021, CIRS-CG014-2021, CIRS-CG015-2021, CIRS-CG016-2021, CIRS-CG020-2021, CIRS-CG021-2021 and CIRS-CG027-2022 which refer to the methods listed below:
  - 1) US EPA 3550C: 2007 Ultrasonic Extraction.
  - 2) US EPA 8270E:2018 Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry.
  - 3) EN 14372:2004 Child use and care articles-Cutlery and feeding utensils-Safety requirements and tests.
  - 4) CPSC CH-C1001-09.4 Standard Operating Procedure for Determination of phthalates.
  - 5) GB/T 22048-2022 Determination of certain phthalate esters in toys and children's products.
  - 6) EPA 3580A:1992 Waste Dilution.
  - 7) ISO 14362-1:2017 Textiles- Methods for determination of certain aromatic amines derived from Azo colorants-Part 1: Detection of the use of certain Azo colorants accessible with and without extracting the fibres.
  - 8) ISO 14362-3:2017 Textiles. Methods for determination of certain aromatic amines derived from Azo colorants. Part 3:Detection of the use of certain Azo colorants, which may release 4-aminoazobenzene.

- 9) ISO 17234-1:2020 Leather -Chemical tests for the determination of certain azo colorants in dyed leathers Part 1: Determination of certain aromatic amines derived from azo colorants.
- 10) GB 19601-2013 Limit and determination of 23 harmful aromatic amines in dye products.
- 11) ISO 18219-1:2021 Leather-Determination of chlorinated hydrocarbons in leather Part 1:Chromatographic method for shortchain chlorinated paraffins (SCCPs).
- 12) ISO 18219-2:2021 Leather-Determination of chlorinated hydrocarbons in leather — Part 2: Chromatographic method for middle-chain chlorinated paraffins (MCCPs).
- 13) GB/T 40030-2021 Determination of medium chain chlorinated paraffins in electrical and electronic products.
- 14) GB/T 34842-2017 Footwear-Chemical tests—Determination of formamide.
- 15) ISO 16189:2013 Footwear-Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine dimethylformamide in footwear materials.
- 16) EN 71-3:2019+A1:2021 Safety Of Toys - Part 3: Migration Of Certain Elements Annex G: Method of analysis for organic tin.
- 17) GB/T 32447-2015 Footwear-Critical substances potentially present in footwear and footwear components- Determination of organotin compounds in footwear materials.
- 18) AfPS GS 2019:01 PAK Testing and assessment of polycyclic aromatic hydrocarbons (PAHs) in the course of awarding the GS mark.
- 19) GB/T 36488-2018 Determination of polycyclic aromatic hydrocarbons in coatings.
- 20) GB/T 29785-2013 Determination of hexabromocyclododecane in electrical and electronic products - Gas chromatography-mass spectrometry.
- 21) IEC 62321-6:2015 Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography -mass spectrometry (GC-MS).
- 22) QCT 944-2013 Test Methods of Polybrominated Biphenyls and Polybrominated Diphenyl Ethers in Automobiles Materials.
- 23) GB/T 38415-2019 Determination of tetrabromobisphenol A and hexabromocyclododecanes content in toys—High performance liquid chromatography-tandem mass spectrometry.
- 24) ASTM D7065:2017 Standard Test Method for Determination of Nonylphenol,Bisphenol A,p-tert-Octylphenol,Nonylphenol Monoethoxylate and Nonylphenol Diethoxylate in Environmental Waters by Gas Chromatography Mass Spectrometry.
- 25) ISO 18218-2:2019 Leather - Determination of ethoxylated alkylphenols. Part 2:Indirect.
- 26) SN/T 1850.1-2006 Determination of alkylphenol polyethoxylates in textiles. Part 1:High performance liquid chromatography method.
- 27) DIN 54231:2022 Textiles - Detection of disperse dyestuffs.
- 28) EPA 8321B:2007 Solvent-extractable nonvolatile compounds by high-performance liquid chromatography/thermospray/ mass spectrometry (HPLC/TS/MS) or ultraviolet(UV) detection.
- 29) GB/T 29609-2013 Rubber-Determination of phenol and biphenyl-A.
- 30) SN/T 3866-2014 Determination of phenolphthalein and emodin in health food for export.LC-MS/MS method.
- 31) ISO 18254-1:2016 Textiles -ethod for the detection and determination of alkylphenol ethoxylates (APEO)- Part 1: Method using HPLC-MS.
- 32) GB/T 19941.1-2019 Leather and fur- Determination of formaldehyde content.
- 33) ISO 17226-1-2021 Leather-Chemical determination of formaldehyde content Part 1:Method using high-performance liquid chromatography.
- 34) GB/T 23986-2009 Paints and varnishes - Determination of volatile organic compound (VOC) content - Gas-chromatographic method.
- 35) GB 38468-2019 Limit of harmful substances of interior floor coatings.
- 36) GB 24408-2009 Limit of harmful substances of exterior wall coatings.
- 37) SN /T 1802-2014 Determination of ethyleneglycol monoalkyl ethers and esters in indoorcoatings - Gas chromatography.
- 38) US EPA 3050B:1996 Acid Digestion of Sediments, Sludges, and Soils.
- 39) US EPA 3051A:2007 Microwave Assisted Acid Digestion of Sediments, Sludges, Soils, and Oils.
- 40) US EPA 3052:1996 Microwave Assisted Acid Digestion of Siliceous and Organically Based Matrices.



- 41) US EPA 6010D:2018 Inductively Coupled Plasma-Optical Emission Spectrometry.
  - 42) QC/T 943-2013 Test methods of lead and cadmium in automobiles materials.
  - 43) GB/T 26125-2011 Electrical and electronic products - Determination of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers).
  - 44) IEC 62321-3-1:2013 Screening - Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry.
  - 45) IEC 62321-5:2013 Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS.
  - 46) ISO 17075-1:2017 Leather-Chemical tests-Determination of chromium(VI) content.
  - 47) US EPA 3060A:1996 Alkaline Digestion for Hexavalent Chromium.
  - 48) US EPA 7196A:1992 Chromium, Hexavalent (Colorimetric).
  - 49) ISO 3613:2021 Test methods—Metallic and other inorganic coatings- Chromate conversion coatings on zinc, cadmium, aluminium-zinc alloys and zincaluminium alloys.
  - 50) GB/T 22807-2008 Leather and fur - Chemical tests - Determination of chromium VI content.
  - 51) QC/T 942-2021 Test methods of hexavalent chromium in automobiles materials.
  - 52) IEC 62321-7-1:2015 Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method.
  - 53) IEC 62321-7-2:2017 Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method.
  - 54) CEN/TS 15968-2010 Determination of extractable perfluorooctanesulphonate (PFOS) in coated and impregnated solid articles, liquids and fire fighting foams - Method for sampling, extraction and analysis by LC-qMS or LC-tandem/MS
  - 55) GB/T 37760-2019 Determination of perfluorooctanoic acid and perfluorooctane sulfonic acid in electronic and electrical products—Ultra high performance liquid chromatographic method with tandem mass spectrometry.
  - 56) GB/T 40917-2021 Textiles—Determination of perfluorohexane-1-sulphonic acid and its salts.
  - 57) GB/T 28606-2012 Determination of perfluorooctanoic acid and salt in the coating—High performance liquid chromatography-tandem mass spectrometry.
  - 58) SN/T 2449-2010 Determination of perfluorooctane sulfonic acid in leather and leather products—LC-MS/MS.
  - 59) GB/T 23992-2009 Determination of chlorhydrocarbon content in coatings - Gas chromatographic method.
  - 60) GB 31604.27-2016 Food contact materials-Determination of ethylene oxide and propylene oxide in plastics- Gas chromatography.
  - 61) SN/T 2941-2011 Determination of melamine in plastic materials and products.
5. Because it is difficult to detect the substances (Cobalt dichloride, Diarsenic pentaoxide, Diarsenic trioxide, Lead hydrogen arsenate, Sodium dichromate, Triethyl arsenate, Lead chromate, Lead chromate molybdate sulphate red (C.I. Pigment Red 104), Lead sulfochromate yellow (C.I. Pigment Yellow 34), Ammonium dichromate, Boric acid (Boric acid; Boric acid, crude natural), Disodium tetraborate, anhydrous, Potassium chromate, Potassium dichromate, Sodium chromate, Tetraboron disodium heptaoxide, hydrate, Acids generated from chromium trioxide and their oligomers (Dichromic acid, Oligomers of chromic acid and dichromic acid, Chromic acid), Chromium trioxide, Cobalt (II) carbonate, Cobalt(II) diacetate, Cobalt(II) dinitrate, Cobalt (II) sulphate, Strontium chromate, Aluminosilicate Refractory Ceramic Fibres, Arsenic acid, Calcium arsenate, Dichromium tris(chromate), Lead diazide, Lead azide, Lead dipicrate, Lead styphnate, Pentazinc chromate octahydroxide, Potassium hydroxyoctaoxidizincatedichromate, Trilead diarsenate, Zirconia Aluminosilicate, Refractory Ceramic Fibres, Diboron trioxide, Lead (II) bis (methanesulfonate), [Phthalato(2-)]dioxotrilead, Acetic acid, lead salt, basic, Dioxobis(stearato)trilead, Fatty acids, C16-18, lead salts, Lead bis(tetrafluoroborate), Lead cyanamate, Lead dinitrate, Lead monoxide (Lead oxide), Lead oxide sulfate, Lead titanium trioxide, Lead titanium zirconium oxide, Orange lead (Lead tetroxide), Pentalead tetraoxide sulphate, Pyrochlore, antimony lead yellow, Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>), barium salt (1:1), lead-doped, Silicic acid, lead salt, Sulfurous acid, lead salt, dibasic, Tetraethyllead, Tetralead trioxide sulphate, Trilead bis(carbonate) dihydroxide, Trilead dioxide phosphonate, Cadmium oxide, Cadmium sulphide, Lead di(acetate), Cadmium chloride, Sodium perborate; perboric acid, sodium salt, Sodium peroxometaborate, Cadmium fluoride, Cadmium sulphate, Cadmium carbonate, Cadmium hydroxide, Cadmium nitrate, Disodium octaborate, orthoboric acid, sodium salt, Barium



diboron tetraoxide) via direct tests but via converting them into detectable elements, we consider that all the relative elements exist in the form of their compounds when having the test, However, if the compound obtained by conversion reaches the maximum value, other compounds of the corresponding element are not exist.

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\*\*\*The end of report\*\*\*