

# GUANGDONG WONDER TESTING INTERNATIONAL CO., LTD.

## TEST REPORT

Report No.: WDX23041283EN-4

Applicant:

Address:

Date: May 08, 2023

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**Applicant:**

**Address:**

The following merchandise was (were) submitted and identified by client as:

**Sample Name:** polypropylene resin

**Number of Sample:** 1PC

**Style of Sample:** PPH-T03

**Sample Received Date:** Apr. 27, 2023

**Completed Date:** May 08, 2023

Substances List: Please refer to next page(s).

Test Result(s): Please refer to next page(s).

**Test Requested and Conclusion(s):**

No.	Test Sample(s)	Standard(s) and Requirement(s)	Conclusion(s)	Signed by
1	Submitted sample	Based on the list published by European Chemicals Agency (ECHA) public consultation, regarding Regulation (EC) No. 1907/2006 concerning the REACH - 233 Substances of Very High Concern (SVHC)	<b>LOWER</b> than 0.1%	Andy zhu

# TEST REPORT

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**Substances and Result(s):**

Test Substance(s)	CAS No.	RL (%)	Result(s) (%)
			1
All tested SVHC in candidate list	--	--	ND

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Method: In-house method, analyzed by GC-FID, GC-MS, LC-DAD, ICP-OES, UV-Vis.

**Substances List 1:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
I	1	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.01
I	2	Anthracene	120-12-7	0.005
I	3	Benzyl butyl phthalate (BBP)	85-68-7	0.005
I	4	Bis[2-ethyl(hexyl)phthalate] (DEHP)	117-81-7	0.005
I	5	Bis(tributyltin)oxide (TBTO)	56-35-9	0.005
I	6	Cobalt dichloride <sup>△</sup>	7646-79-9	0.005
I	7	Diarsenic pentaoxide <sup>△</sup>	1303-28-2	0.005
I	8	Diarsenic trioxide <sup>△</sup>	1327-53-3	0.005
I	9	Dibutyl phthalate (DBP)	84-74-2	0.005
I	10	4, 4'- Diaminodiphenylmethane	101-77-9	0.005
I	11	5-tert-butyl-2,4,6-trinitro-m- xylene (Musk xylene)	81-15-2	0.005
I	12	Hexabromocyclododecane (HBCDD) and diastereoisomers (α-HBCDD, β-HBCDD, γ- HBCDD)	25637-99-4, 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	0.005
I	13	Lead hydrogen arsenate <sup>△</sup>	7784-40-9	0.005
I	14	Sodium dichromate <sup>△</sup>	10588-01-9, 7789-12-0	0.005
I	15	Triethyl arsenate <sup>△</sup>	15606-95-8	0.005

**Substances List 2:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
II	16	Anthracene oil	90640-80-5	0.005
II	17	Anthracene oil, anthracene paste, distn. lights	91995-17-4	0.005
II	18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	0.005
II	19	Anthracene oil, anthracene-low	90640-82-7	0.005
II	20	Anthracene oil, anthracene paste	90640-81-6	0.005
II	21	Coal tar pitch, high temperature	65996-93-2	0.005
II	22	Acrylamide	79-06-1	0.005
II	23	2,4-Dinitrotoluene	121-14-2	0.005
II	24	Diisobutyl phthalate(DIBP)	84-69-5	0.005
II	25	Lead chromate <sup>△</sup>	7758-97-6	0.005
II	26	Lead chromate molybdate Sulphate red (C.I. Pigment Red 104) <sup>△</sup>	12656-85-8	0.005
II	27	Lead sulfochromate yellow (C.I. Pigment Yellow 34) <sup>△</sup>	1344-37-2	0.005
II	28	Tris(2-chloroethyl) phosphate	115-96-8	0.005

**Substances List 3:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
III	29	Trichloroethylene	79-01-6	0.005
III	30	Boric acid <sup>△</sup>	10043-35-3/ 11113-50-1	0.005
III	31	Disodium tetraborate, anhydrous <sup>△</sup>	1330-43-4 12179-04-3 1303-96-4	0.005
III	32	Tetraboron disodium heptaoxide, hydrate <sup>△</sup>	12267-73-1	0.005
III	33	Sodium chromate <sup>△</sup>	7775-11-3	0.005
III	34	Potassium chromate <sup>△</sup>	7789-00-6	0.005
III	35	Ammonium dichromate <sup>△</sup>	7789-09-5	0.005
III	36	Potassium dichromate <sup>△</sup>	7778-50-9	0.005

**Substances List 4:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
IV	37	Cobalt(II) sulphate <sup>△</sup>	10124-43-3	0.005
IV	38	Cobalt(II) dinitrate <sup>△</sup>	10141-05-6	0.005
IV	39	Cobalt(II) carbonate <sup>△</sup>	513-79-1	0.005
IV	40	Cobalt(II) diacetate <sup>△</sup>	71-48-7	0.005
IV	41	2-Methoxyethanol	109-86-4	0.005
IV	42	2-Ethoxyethanol	110-80-5	0.005
IV	43	Chromium trioxide <sup>△</sup>	1333-82-0	0.005
IV	44	Acids generated from chromium trioxide and their oligomers: Chromium acid <sup>△</sup> Dichromium acid <sup>△</sup> Oligomers of chromic acid and dichromic acid <sup>△</sup>	-- 7738-94-5 13530-68-2 --	0.005

**Substances List 5:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
V	45	2-ethoxyethylacetate	111-15-9	0.005
V	46	1,2-Benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNUP)	68515-42-4	0.005
V	47	Hydrazine	7803-57-8, 302-01-2	0.005
V	48	1-methyl-2-pyrrolidone	872-50-4	0.005
V	49	1,2,3-trichloropropane	96-18-4	0.005
V	50	1, 2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	0.005
V	51	Strontium chromate <sup>△</sup>	7789-06-2	0.005

**Substances List 6:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
VI	52	Dichromium tris(chromate) <sup>△</sup>	24613-89-6	0.005
VI	53	Potassium hydroxyoctaoxidizincatedi-chromate <sup>△</sup>	11103-86-9	0.005
VI	54	Pentazinc chromate octahydroxide <sup>△</sup>	49663-84-5	0.005
VI	55	Aluminosilicate, Refractory Ceramic Fibres ( RCF) <sup>△</sup>	--	0.005
VI	56	Zirconia Aluminosilicate, Refractory Ceramic Fibres (Zr-RCF) <sup>△</sup>	--	0.005
VI	57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	0.005
VI	58	Bis(2-methoxyethyl) phthalate	117-82-8	0.005
VI	59	2-Methoxyaniline; o-Anisidine	90-04-0	0.005
VI	60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	0.005
VI	61	1,2-Dichloroethane	107-06-2	0.005
VI	62	Bis(2-methoxyethyl) ether	111-96-6	0.005
VI	63	Arsenic acid <sup>△</sup>	7778-39-4	0.005
VI	64	Calcium arsenate <sup>△</sup>	7778-44-1	0.005
VI	65	Trilead diarsenate <sup>△</sup>	3687-31-8	0.005
VI	66	N,N-dimethylacetamide (DMAC)	127-19-5	0.005
VI	67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	0.005
VI	68	Phenolphthalein	77-09-8	0.005
VI	69	Lead azide Lead diazide <sup>△</sup>	13424-46-9	0.005
VI	70	Lead styphnate <sup>△</sup>	15245-44-0	0.005
VI	71	Lead dipicrate <sup>△</sup>	6477-64-1	0.005

**Substances List 7:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
VII	72	Methoxyethoxy ethane (TEGDME; triglyme)	112-49-2	0.005
VII	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether(EGDME)	110-71-4	0.005
VII	74	Diboron trioxide <sup>△</sup>	1303-86-2	0.005
VII	75	Formamide	75-12-7	0.005
VII	76	Lead(II) bis(methanesulfonate) <sup>△</sup>	17570-76-2	0.005
VII	77	1,3,5-tris (oxiranylmethyl) -1,3,5 -triazine-2,4,6 (1H,3H,5H)-trione (TGIC)	2451-62-9	0.005
VII	78	1,3,5-tris [(2Sand2R)-2,3 -epoxypropyl] -1,3,5-triazine-2,4,6- (1H,3H,5H)-trione (β-TGIC)	59653-74-6	0.005
VII	79	4,4'-bis (dimethylamino) benzophenone (Michler's ketone)	90-94-8	0.005
VII	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.005
VII	81	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methyle ne] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	0.005
VII	82	[4-[4,4'-bis(dimethylamino) benzhydridene] cyclohexa -2,5- dien-1-ylidene] dimethylammonium chloride(C.I. Basic Violet 3)	548-62-9	0.005
VII	83	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	0.005
VII	84	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1 -methanol (C.I. Solvent Blue 4)	6786-83-0	0.005



**Substances List 8:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
VIII	85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	0.005
VIII	86	Pentacosafuorotridecanoic acid	72629-94-8	0.005
VIII	87	Tricosafuorododecanoic acid	307-55-1	0.005
VIII	88	Henicosafuoroundecanoic acid	2058-94-8	0.005
VIII	89	Heptacosafuorotetradecanoic acid	376-06-7	0.005
VIII	90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	0.005
VIII	91	Cyclohexane-1,2-dicarboxylic anhydride [1]cis-cyclohexane-1,2-dicarboxylic anhydride [2]trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	85-42-7, 13149-00-3, 14166-21-3	0.005
VIII	92	Hexahydromethylphthalic anhydride [1], Hexahydro- 4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	0.005

**Substances List 8 (Continued 1):**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
VIII	93	4-Nonylphenol, branched and linear[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	--	0.005
VIII	94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well- defined substances and UVCB substances, polymers and homologues]	--	0.005
VIII	95	Methoxyacetic acid	625-45-6	0.005
VIII	96	N,N-dimethylformamide	68-12-2	0.005
VIII	97	Dibutyltin dichloride (DBTC)	683-18-1	0.005
VIII	98	Lead monoxide (Lead oxide) <sup>△</sup>	1317-36-8	0.005
VIII	99	Orange lead (Lead tetroxide) <sup>△</sup>	1314-41-6	0.005
VIII	100	Lead bis(tetrafluoroborate) <sup>△</sup>	13814-96-5	0.005
VIII	101	Trilead bis(carbonate) dihydroxide <sup>△</sup>	1319-46-6	0.005
VIII	102	Lead titanium trioxide <sup>△</sup>	12060-00-3	0.005
VIII	103	Lead titanium zirconium oxide <sup>△</sup>	12626-81-2	0.005
VIII	104	Silicic acid, lead salt <sup>△</sup>	11120-22-2	0.005

**Substances List 8(Continued 2):**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
VIII	105	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008] <sup>△</sup>	68784-75-8	0.005
VIII	106	1-bromopropane (n-propyl bromide)	106-94-5	0.005
VIII	107	Methyloxirane (Propylene oxide)	75-56-9	0.005
VIII	108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.005
VIII	109	Diisopentylphthalate (DIPP)	605-50-5	0.005
VIII	110	N-pentyl-isopentylphthalate	776297-69-9	0.005
VIII	111	1,2-diethoxyethane	629-14-1	0.005
VIII	112	Acetic acid, lead salt, basic <sup>△</sup>	51404-69-4	0.005
VIII	113	Lead oxide sulfate <sup>△</sup>	12036-76-9	0.005
VIII	114	[Phthalato(2-)]dioxotrilead <sup>△</sup>	69011-06-9	0.005
VIII	115	Dioxobis(stearato)trilead <sup>△</sup>	12578-12-0	0.005
VIII	116	Fatty acids, C16-18, lead salts <sup>△</sup>	91031-62-8	0.005
VIII	117	Lead cyanamidate <sup>△</sup>	20837-86-9	0.005
VIII	118	Lead dinitrate <sup>△</sup>	10099-74-8	0.005
VIII	119	Pentalead tetraoxide sulphate <sup>△</sup>	12065-90-6	0.005

**Substances List 8(Continued 3):**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
VIII	120	Pyrochlore, antimony lead yellow <sup>△</sup>	8012-00-8	0.005
VIII	121	Sulfurous acid, lead salt, dibasic <sup>△</sup>	62229-08-7	0.005
VIII	122	Tetraethyl lead <sup>△</sup>	78-00-2	0.005
VIII	123	Tetralead trioxide sulphate <sup>△</sup>	12202-17-4	0.005
VIII	124	Trilead dioxide phosphonate <sup>△</sup>	12141-20-7	0.005
VIII	125	Furan	110-00-9	0.005
VIII	126	Diethyl sulphate	64-67-5	0.005
VIII	127	Dimethyl sulphate	77-78-1	0.005
VIII	128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.005
VIII	129	Dinoseb (6-sec-butyl-2,4 -dinitrophenol)	88-85-7	0.005
VIII	130	4,4'-methylenedi-o-toluidine	838-88-0	0.005
VIII	131	4,4'-oxydianiline and its salts	101-80-4	0.005
VIII	132	4-aminoazobenzene	60-09-3	0.005
VIII	133	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	0.005
VIII	134	6-methoxy-m-toluidine (p-cresidine)	120-71-8	0.005
VIII	135	Biphenyl-4-ylamine	92-67-1	0.005
VIII	136	o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]	97-56-3	0.005
VIII	137	o-toluidine	95-53-4	0.005
VIII	138	N-methylacetamide	79-16-3	0.005

**Substances List 9:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
IX	139	Cadmium <sup>△</sup>	7440-43-9	0.005
IX	140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	0.005
IX	141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.005
IX	142	Dipentyl phthalate (DPP)	131-18-0	0.005
IX	143	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, which include any of the individual isomers and/or combinations thereof]	--	0.005
IX	144	Cadmium oxide <sup>△</sup>	1306-19-0	0.005

**Substances List 10:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
X	145	Cadmium sulphide <sup>△</sup>	1306-23-6	0.005
X	146	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	0.005
X	147	Dihexyl phthalate	84-75-3	0.005
X	148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	0.005
X	149	Trixylyl phosphate	25155-23-1	0.005
X	150	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red28)	573-58-0	0.005
X	151	Lead di(acetate) <sup>△</sup>	301-04-2	0.005

**Substances List 11:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.005
XI	153	Cadmium chloride <sup>△</sup>	10108-64-2	0.005
XI	154	Sodium perborate <sup>△</sup> ; perboric acid, sodium salt <sup>△</sup>	--	0.005
XI	155	Sodium peroxometaborate <sup>△</sup>	7632-04-4	0.005

**Substances List 12:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XII	156	Cadmium fluoride <sup>△</sup>	7790-79-6	0.005
XII	157	Cadmium sulphate <sup>△</sup>	10124-36-4; 31119-53-6	0.005
XII	158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.005
XII	159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.005
XII	160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	0.005
XII	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 (reaction mass of DOTE and MOTE)	--	0.005

**Substances List 13:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq$ 0.3% of dihexyl phthalate	68515-51-5 68648-93-1	0.005
XIII	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]	--	0.005

**Substances List 14:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XIV	164	1,3-propanesultone	1120-71-4	0.005
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.005
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.005
XIV	167	Nitrobenzene	98-95-3	0.005
XIV	168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorononanoic acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	0.005

**Substances List 15:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.005

**Substances List 16:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XVI	170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	0.005
XVI	171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	0.005
XVI	172	p-(1,1-dimethylpropyl)phenol	80-46-6	0.005
XVI	173	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]	--	0.005

**Substances List 17:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XVII	174	Perfluorohexane-1-sulphonic acid and its salts	--	0.005

**Substances List 18:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XVIII	175	Chrysene	218-01-9	0.005
XVIII	176	Benz[a]anthracene	56-55-3	0.005
XVIII	177	Cadmium nitrate <sup>△</sup>	10325-94-7	0.005
XVIII	178	Cadmium hydroxide <sup>△</sup>	21041-95-2	0.005
XVIII	179	Cadmium carbonate <sup>△</sup>	513-78-0	0.005
XVIII	180	Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof)	--	0.005
XVIII	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]	--	0.005



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**Substances List 19:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XIX	182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	552-30-7	0.005
XIX	183	Benzo[ghi]perylene	191-24-2	0.005
XIX	184	Decamethylcyclopentasiloxane (D5)	541-02-6	0.005
XIX	185	Dicyclohexyl phthalate (DCHP)	84-61-7	0.005
XIX	186	Disodium octaborate <sup>Δ</sup>	12008-41-2	0.005
XIX	187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.005
XIX	188	Ethylenediamine (EDA)	107-15-3	0.005
XIX	189	Lead <sup>Δ</sup>	7439-92-1	0.005
XIX	190	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.005
XIX	191	Terphenyl, hydrogenated	61788-32-7	0.005

**Substances List 20:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XX	192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.005
XX	193	Benzo[k]fluoranthene	207-08-9	0.005
XX	194	Fluoranthene	206-44-0	0.005
XX	195	Phenanthrene	85-01-8	0.005
XX	196	Pyrene	129-00-0	0.005
XX	197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	0.005

**Substances List 21:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XXI	198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides	--	0.005
XXI	199	2-methoxyethyl acetate	110-49-6	0.005
XXI	200	4-tert-butylphenol	98-54-4	0.005
XXI	201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	--	0.005

**Substances List 22:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XXII	202	Perfluorobutane sulfonic acid (PFBS) and its salts	--	0.005
XXII	203	Diisohexyl phthalate	71850-09-4	0.005
XXII	204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.005
XXII	205	2-benzyl-2-dimethylamino-4'-morpholino butyrophenone	119313-12-1	0.005

**Substances List 23:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XXIII	206	1-vinylimidazole	1072-63-5	0.005
XXIII	207	2-methylimidazole	693-98-1	0.005
XXIII	208	butyl 4-hydroxybenzoate	94-26-8	0.005
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	0.005

**Substances List 24:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XXIV	210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	0.005
XXIV	211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	--	0.005

**Substances List 25:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XXV	212	1,4-dioxane	123-91-1	0.005
XXV	213	2,2-bis(bromomethyl)propane-1,3-diol (BM P); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-036483-5 7-5/1522-92-596-1 3-9	0.005
XXV	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	--	0.005
XXV	215	4,4'-(1-methylpropylidene)bisphenol	77-40-7	0.005
XXV	216	glutaral	111-30-8	0.005
XXV	217	Medium-chain chlorinated paraffins (MCC P) (UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17)	--	0.005
XXV	218	orthoboric acid, sodium salt	--	0.005
XXV	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)	--	0.005

**Substances List 26:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XXVI	220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	--	0.005
XXVI	221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	0.005
XXVI	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	25881-94-8	0.005
XXVI	223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.005

**Substances List 27:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XXVII	224	N-(hydroxymethyl)acrylamide	924-42-5	0.005

**Substances List 28:**

Batch	No.	Test Substance(s)	CAS No.	RL (%)
XXVIII	225	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	0.005
XXVIII	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	0.005
XXVIII	227	4,4'-sulphonyldiphenol	80-09-1	0.005
XXVIII	228	Barium diboron tetraoxide	13701-59-2	0.005
XXVIII	229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	--	0.005
XXVIII	230	Isobutyl 4-hydroxybenzoate	4247-02-3	0.005
XXVIII	231	Melamine	108-78-1	0.005
XXVIII	232	Perfluoroheptanoic acid and its salts	--	0.005
XXVIII	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	473-390-7	0.005

- Note:**
1. In accordance with Regulation (EC) No. 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, namely (a) the substance is present in those article in quantities totaling over one ton per producer or importer per year; and (b) the substance is present in those articles **higher than 0.1%** weight by weight (w/w).
  2. Article 33 of Regulation (EC) No. 1907/2006 requires supplier of an article containing a substance meets the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration **higher than 0.1%** weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance.
  3. "△" = Determination was based on elemental analysis. The concentration was calculated based on assumption of worst-case.

- Remark:**
1. ND = Not Detected (< RL).
  2. RL = Report Limit.
  3. % = Percentage by weight.
  4. "--" = Not detail requirement or blank in the form.
  5. As per client's request, only the appointed points and items have been tested.

### Test Material List

Material No.	Description(s)	Location(s)
1	Transparent plastic granule	Homopolymer PP

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Photo(s) of Sample(s):



\*\*\*End of Report\*\*\*

## Report Remark

1. The company guarantees the scientificity, impartiality and accuracy, is responsible for test data, and keeps confidential for the samples and technical data provided.
2. The information of the samples submitted for inspection is provided by applicant, and the company is not responsible for its authenticity or integrity.
3. The results shown in this report refer only to the sample(s) submitted.
4. This report is invalid without signature of approver, is invalid if not affixed with Authorized Stamp of Test and Paging Seal. The data/results in reports without an CMA stamp ,all or part of items of this report are not in the accredited scope of CMA cannot be as domestic social impartiality proof data. It can only used for research and development, teaching, internal quality control, and only for internal reference.
5. Any unauthorized reproduced in part, Any way of piracy, alteration forgery of this report is unlawful.
6. If there are any questions about the report, please contact us.
7. Any dispute of this report must be raised to the center within 10 workdays since the date of receipt, or it will not be accepted.
8. For samples with unstable performance, re-inspection will not be accepted.

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