

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 1 of 21

Applicant : ZHEJIANG ORYARWA COMMUNICATION EQUIPMENT CO., LTD.
Address : NO. 1, YONGHE 3 ROAD, INDUSTRIAL FUNCTION ZONE, CHENG DONG STREET, YUEQING CITY, ZHEJIANG PROVINCE, CHINA
Manufacturer : ZHEJIANG ORYARWA COMMUNICATION EQUIPMENT CO., LTD.
Address : NO. 1, YONGHE 3 ROAD, INDUSTRIAL FUNCTION ZONE, CHENG DONG STREET, YUEQING CITY, ZHEJIANG PROVINCE, CHINA

The following samples were submitted and identified by/on behalf of the client as:

Sample Description : PC
Model No. : /
Date of Sample Received : March 16, 2021
Sample Testing Date : March 16, 2021 to March 23, 2021

Test Requested	According to European Commission Regulation 1907/2006(REACH Act), to test the 211 SVHC content which have been listed in ECHA's http://echa.europa.eu/web/guest/candidate-list-table
Test Method	Refer to next page(s)
Test Result	Refer to next page(s)
Test Conclusion	Pass

***** For Further Details, Please Refer to the Following Page(s) *****

Compiled by:

Fiona Zhang

Fiona Zhang / Project Engineer

Approved by:



Miuse Xie
Miuse Xie / Laboratory Supervisor

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 2 of 21

Test Results:**1. SVHC content**

Test method: By Inductively Coupled Plasma Optical Emission Spectrometry, Ion Chromatography, UV-Visible Spectrophotometry, Gas Chromatographic - Mass Spectrometry, Liquid Chromatographic - Mass Spectrometry and High Performance Liquid Chromatography analysis.

Substance Name	CAS No	Result	RL (%)
		No.1	
All tested SVHC in candidate list	---	N.D.	---

Test Parts Description:

No.	Item	Test Parts Description
1	Group 1: plastic	please see Tested Part Photos

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 3 of 21

Full list tested SVHC

Seq.	Substance Name	CAS No.	Attribute	RL(%)
1	Anthracene	120-12-7	PBT	0.05
2	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	Carcinogenic	0.05
3	Dibutyl Phthalate (DBP)	84-74-2	Toxic for reproduction; Endocrine disrupting properties	0.05
4	Cobalt Dichloride Δ	7646-79-9	Toxic for reproduction; Carcinogenic	0.005
5	Diarsenic Pentaoxide Δ	1303-28-2	Carcinogenic	0.005
6	Diarsenic Trioxide Δ	1327-53-3	Carcinogenic	0.005
7	Sodium Dichromate Δ	7789-12-0, 10588-01-9	CMR	0.005
8	5-Tert-Butyl-2,4,6-Trinitro-m-Xylene (Musk Xylene)	81-15-2	vPvB	0.05
9	Bis (2-Ethylhexyl) Phthalate (DEHP)	117-81-7	Toxic for reproduction; Endocrine disrupting properties	0.05
10	Hexabromocyclododecane (HBCDD) and All Major Diastereoisomers Identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4,3194-55-6	PBT	0.05
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	PBT; vPvB	0.05
12	Bis (Tributyltin) Oxide (TBTO) Δ	56-35-9	PBT	0.05
13	Lead Hydrogen Arsenate Δ	7784-40-9	Carcinogenic; Toxic for reproduction	0.005
14	Benzyl Butyl Phthalate (BBP)	85-68-7	Toxic for reproduction; Endocrine disrupting properties	0.05
15	Triethyl Arsenate Δ	15606-95-8	Carcinogenic	0.005

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 4 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
16	Anthracene Oil	90640-80-5	Carcinogenic ; PBT; vPvB	0.05
17	Anthracene Oil, Anthracene Paste, Distn. Lights	91995-17-4	Carcinogenic ; Mutagenic; PBT; vPvB	0.05
18	Anthracene Oil, Anthracene Paste, Anthracene Fraction	91995-15-2	Carcinogenic ; Mutagenic; PBT; vPvB	0.05
19	Anthracene Oil, Anthracene-low	90640-82-7	Carcinogenic ; Mutagenic; PBT; vPvB	0.05
20	Anthracene Oil, Anthracene Paste	90640-81-6	Carcinogenic ; Mutagenic; PBT; vPvB	0.05
21	Diisobutyl phthalate	84-69-5	Toxic for reproduction; Endocrine disrupting properties	0.05
22	2,4-Dinitrotoluene	121-14-2	Carcinogenic	0.05
23	Pitch, coal tar, High temperature	65996-93-2	PBT; vPvB; Carcinogenic	0.05
24	Tris (2-Chloroethyl) Phosphate	115-96-8	Toxic for reproduction	0.05
25	Lead Sulfochromate Yellow (C.I.Pigment Yellow 34) Δ	1344-37-2	Toxic for reproduction; Carcinogenic	0.005
26	Lead Chromate Molybdate Sulphate Red (C.I. Pigment Red 104) Δ	12656-85-8	Toxic for reproduction; Carcinogenic	0.005
27	Lead Chromate Δ	7758-97-6	Toxic for reproduction; Carcinogenic	0.005
28	Acrylamide	79-06-1	Carcinogenic; Mutagenic	0.05
29	Trichloroethylene	79-01-6	Carcinogenic	0.05
30	Boric Acid Δ	10043-35-3, 11113-50-1	Toxic for reproduction	0.005
31	Disodium Tetraborate, Anhydrous Δ	1303-96-4, 1330-43-4, 12179-04-3	Toxic for reproduction	0.005

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 5 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
32	Tetraboron Disodium Heptaoxide, Hydrate Δ	12267-73-1	Toxic for reproduction	0.005
33	Sodium Chromate Δ	7775-11-3	CMR	0.005
34	Potassium Chromate Δ	7789-00-6	Carcinogenic; Mutagenic	0.005
35	Ammonium Dichromate Δ	7789-09-5	CMR	0.005
36	Potassium Dichromate Δ	7778-50-9	CMR	0.005
37	Cobalt(II) Sulphate Δ	10124-43-3	Carcinogenic and toxic for reproduction	0.005
38	Cobalt(II) Dinitrate Δ	10141-05-6	Carcinogenic and toxic for reproduction	0.005
39	Cobalt(II) Diacetate Δ	71-48-7	Carcinogenic and toxic for reproduction	0.005
40	Cobalt(II) Carbonate Δ	513-79-1	Carcinogenic and toxic for reproduction	0.005
41	2-Methoxyethanol	109-86-4	Toxic for reproduction	0.05
42	2-Ethoxyethanol	110-80-5	Toxic for reproduction	0.05
43	Chromium Trioxide Δ	1333-82-0	Carcinogenic; Mutagenic	0.005
44	Chromic Acid Δ Dichromic Acid Δ Oligomers of Chromic Acid and Dichromic Acid Δ	7738-94-5, 13530-68-2, -	Carcinogenic	0.005
45	2-Ethoxyethyl acetate (2-EEA)	111-15-9	Toxic for reproduction	0.05
46	Strontium Chromate Δ	7789-06-2	Carcinogenic	0.005
47	1,2-Benzenedicarboxylic acid, di-C ₇₋₁₁ -branched and linear alkyl esters (DHNUP)	68515-42-4	Toxic for reproduction	0.05
48	Hydrazine	7803-57-8, 302-01-2	Carcinogenic	0.05
49	1-Methyl-2-pyrrolidone (NMP)	872-50-4	Toxic for reproduction	0.05

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 6 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
50	1,2,3-Trichloropropane	96-18-4	Carcinogenic and toxic for reproduction	0.05
51	1,2-Benzenedicarboxylic acid, di-C ₆ -8-branched alkyl esters, C ₇ -rich (DIHP)	71888-89-6	Toxic for reproduction	0.05
52	Aluminosilicate Refractory Ceramic Fibres Δ	650-017-00-8 (Index no.)	Carcinogenic	0.005
53	Calcium arsenate Δ	7778-44-1	Carcinogenic	0.005
54	Bis(2-methoxyethyl) ether	111-96-6	Toxic for reproduction	0.05
55	Potassium hydroxyoctaoxodizincate dichromate Δ	11103-86-9	Carcinogenic	0.005
56	Zirconia Aluminosilicate Refractory Ceramic Fibres Δ	650-017-00-8 (Index no.)	Carcinogenic	0.005
57	N,N-dimethylacetamide (DMAC)	127-19-5	Toxic for reproduction	0.05
58	Arsenic acid Δ	7778-39-4	Carcinogenic	0.005
59	Lead Dipicrate Δ	6477-64-1	Toxic for reproduction	0.005
60	1,2-Dichloroethane	107-06-2	Carcinogenic	0.05
61	2-Methoxyaniline; o-Anisidine	90-04-0	Carcinogenic	0.05
62	Trilead diarsenate Δ	3687-31-8	Carcinogenic and toxic for reproduction	0.05
63	Pentazinc chromate octahydroxide Δ	49663-84-5	Carcinogenic	0.005
64	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	Endocrine disrupting properties	0.05
65	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	Carcinogenic	0.05
66	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	Toxic for reproduction	0.05
67	Lead Azide; Lead Diazide Δ	13424-46-9	Toxic for reproduction	0.005
68	Lead Styphnate Δ	15245-44-0	Toxic for reproduction	0.005
69	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	Carcinogenic	0.05

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 7 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
70	Phenolphthalein	77-09-8	Carcinogenic	0.005
71	Dichromium tris(chromate) Δ	24613-89-6	Carcinogenic	0.005
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	Toxic for reproduction	0.05
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	Toxic for reproduction	0.05
74	Diboron trioxide Δ	1303-86-2	Toxic for reproduction	0.005
75	Formamide	75-12-7	Toxic for reproduction	0.05
76	Lead(II) bis(methanesulfonate) Δ	17570-76-2	Toxic for reproduction	0.005
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	Mutagenic	0.05
78	2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	Mutagenic	0.05
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	Carcinogenic	0.05
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	Carcinogenic	0.05
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	Carcinogenic	0.05
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride(C.I. Basic Blue 26) [with ≥0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	Carcinogenic	0.05

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 8 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
83	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)[with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0	Carcinogenic	0.05
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	Carcinogenic	0.05
85	Bis(pentabromophenyl) ether(decabromodiphenyl ether; DecaBDE)	1163-19-5	PBT; vPvB	0.05
86	Pentacosafuorotridecanoic acid	72629-94-8	vPvB	0.05
87	Tricosafuorododecanoic acid	307-55-1	vPvB	0.05
88	Henicosafuoroundecanoic acid	2058-94-8	vPvB	0.05
89	Heptacosafuorotetradecanoic acid	376-06-7	vPvB	0.05
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	Equivalent level of concern having probable serious effects to the environment	0.05
91	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 welldefined substances which include any of the individual isomers or a combination thereof]	-	Equivalent level of concern having probable serious effects to the environment	0.05
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	Equivalent level of concern having probable serious effects to human health	0.05

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 9 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
93	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	Equivalent level of concern having probable serious effects to human health	0.05
94	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	Equivalent level of concern having probable serious effects to human health	0.05
95	Methoxyacetic acid	625-45-6	Toxic for reproduction	0.05
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	Toxic for reproduction	0.005
97	Diisopentylphthalate (DIPP)	605-50-5	Toxic for reproduction	0.05
98	N-pentyl-isopentylphthalate	776297-69-9	Toxic for reproduction	0.05
99	1,2-diethoxyethane	629-14-1	Toxic for reproduction	0.05
100	N,N-dimethylformamide	68-12-2	Toxic for reproduction	0.05
101	Dibutyltin dichloride (DBTC) Δ	683-18-1	Toxic for reproduction	0.05
102	Acetic acid, lead salt, basic Δ	51404-69-4	Toxic for reproduction	0.005

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 10 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
103	Trilead bis(carbonate)dihydroxide Δ	1319-46-6	Toxic for reproduction	0.005
104	Lead oxide sulfate Δ	12036-76-9	Toxic for reproduction	0.005
105	[Phthalato(2-)]dioxotrilead Δ	69011-06-9	Toxic for reproduction	0.05
106	Dioxobis(stearato)trilead Δ	12578-12-0	Toxic for reproduction	0.005
107	Fatty acids, C16-18, lead salts Δ	91031-62-8	Toxic for reproduction	0.005
108	Lead bis(tetrafluoroborate) Δ	13814-96-5	Toxic for reproduction	0.05
109	Lead cyanamidate Δ	20837-86-9	Toxic for reproduction	0.05
110	Lead dinitrate Δ	10099-74-8	Toxic for reproduction	0.005
111	Lead monoxide (Lead oxide) Δ	1317-36-8	Toxic for reproduction	0.005
112	Orange lead (Lead tetroxide) Δ	1314-41-6	Toxic for reproduction	0.005
113	Lead titanium trioxide Δ	12060-00-3	Toxic for reproduction	0.005
114	Lead titanium zirconium oxide Δ	12626-81-2	Toxic for reproduction	0.005
115	Pentalead tetraoxide sulphate Δ	12065-90-6	Toxic for reproduction	0.05
116	Pyrochlore, antimony lead yellow Δ	8012-00-8	Toxic for reproduction	0.005
117	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped Δ [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]	68784-75-8	Toxic for reproduction	0.005
118	Silicic acid, lead salt Δ	11120-22-2	Toxic for reproduction	0.005

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 11 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
119	Sulfurous acid, lead salt, dibasic Δ	62229-08-7	Toxic for reproduction	0.05
120	Tetraethyllead Δ	78-00-2	Toxic for reproduction	0.005
121	Tetralead trioxide sulphate Δ	12202-17-4	Toxic for reproduction	0.05
122	Trilead dioxide phosphonate Δ	12141-20-7	Toxic for reproduction	0.005
123	Furan	110-00-9	Carcinogenic	0.05
124	Methyloxirane (Propylene oxide)	75-56-9	Carcinogenic, Mutagenic	0.05
125	Diethyl sulphate	64-67-5	Carcinogenic, Mutagenic	0.05
126	Dimethyl sulphate	77-78-1	Carcinogenic	0.05
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	Toxic for reproduction	0.005
128	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	Toxic for reproduction	0.05
129	4,4'-methylenedi-o-toluidine	838-88-0	Carcinogenic	0.05
130	4,4'-oxydianiline and its salts	101-80-4	Carcinogenic, Mutagenic	0.05
131	4-aminoazobenzene	60-09-3	Carcinogenic	0.05
132	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	Carcinogenic	0.05
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	Carcinogenic	0.05
134	Biphenyl-4-ylamine	92-67-1	Carcinogenic	0.05
135	O-aminoazotoluene [(4-otolylazo-O-toluidine)]	97-56-3	Carcinogenic	0.05
136	O-toluidine	95-53-4	Carcinogenic	0.05
137	N-methylacetamide	79-16-3	Toxic for reproduction	0.05
138	1-bromopropane (n-propyl bromide)	106-94-5	Toxic for reproduction	0.05
139	Cadmium Δ	7440-43-9	Carcinogenic; Equivalent level of concern having probable serious effects to human health	0.005

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 12 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
140	Cadmium oxide Δ	1306-19-0	Carcinogenic; Equivalent level of concern having probable serious effects to human health(effects on kidney and bone)	0.005
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	Toxic for reproduction; PBT	0.05
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	Toxic for reproduction; PBT	0.05
143	Dipentyl phthalate (DPP)	131-18-0	Toxic for reproduction	0.05
144	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 welldefined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	Equivalent level of concern having probable serious effects to the environment(du e to the endocrine disruptingproper ties of the degradation products)	0.05
145	Cadmium sulphide Δ	1306-23-6	Equivalent level of concern having probable serious effects to human health	0.005
146	Disodium 3,3'-[[1,1'-biphenyl]- 4,4'-diylbis(azo)]bis(4-aminonaphthal ene-1- sulphonate) (C.I. Direct Red 28)	573-58-0	Carcinogenic	0.05

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 13 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
147	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	Carcinogenic	0.05
148	Dihexyl phthalate (DnHP)	84-75-3	Toxic for reproduction	0.05
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	Toxic for reproduction	0.05
150	Lead di(acetate) Δ	301-04-2	Toxic for reproduction	0.05
151	Trixylyl phosphate	25155-23-1	Toxic for reproduction	0.05
152	Cadmium chloride Δ	10108-64-2	CMR	0.005
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (Diisohexyl phthalate(DIHP))	68515-50-4	Toxic for reproduction	0.05
154	Sodium peroxometaborate Δ	7632-04-4	Toxic for reproduction	0.005
155	Sodium perborate; perboric acid, sodium salt Δ	-	Toxic for reproduction	0.005
156	Cadmium fluoride Δ	7790-79-6	CMR; Equivalent level of concern having probable serious effects to human health	0.005
157	Cadmium sulphate Δ	10124-36-4,31119-53-6	CMR; Equivalent level of concern having probable serious effects to human health	0.005
158	2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	3846-71-7	PBT;vPvB	0.05
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	PBT;vPvB	0.05
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	Toxic for reproduction	0.05

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 14 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
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)	-	Toxic for reproduction	0.05
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 (EC No. 201-559-5)	68515-51-5,68648-93-1	Toxic for reproduction	0.05
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-secbutyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	—	vPvB	0.05
164	1,3-propanesultone	1120-71-4	Carcinogenic	0.05
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	vPvB	0.05
166	2-(2H-benzotriazol-2-yl)-4-(tertbutyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	vPvB	0.05
167	Nitrobenzene	98-95-3	Toxic for reproduction	0.05
168	Perfluorononan-1-oic-acid and its sodium and ammonium salt	375-95-1, 21049-39-8, 4149-60-4	Toxic for reproduction; PBT	0.05

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 15 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	Carcinogenic; Mutagenic; Toxic for reproduction; PBT; very bioaccumulation	0.05
170	4,4'-isopropylidenediphenol(bisphenol A; BPA)	1980/5/7	Toxic for reproduction	0.05
171	4-heptylphenol, branched and linear (4-HPbl)	/	Equivalent level of concern having probable serious effects to the environment	0.05
172	Perfluorodecic acid and its salts and lipids	3108-42-7, 335-76-2, 3830-45-3	Toxic for reproduction	0.05
173	4-tert-pentylphenol (PTAP)	80-46-6	Equivalent level of concern having probable serious effects to the environment	0.05
174	Dechlorane	13560-89-9; 135821-74-8; 135821-03-3	vPvB	0.05
175	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	Endocrine disrupting	0.05
176	Benz[a]anthracene	56-55-3	Carcinogenic; PBT; vPvB	0.05
177	Cadmium nitrate	10325-94-7	Carcinogenic; Teratogenic	0.05
178	Carbonic carbonate	513-78-0	Carcinogenic; Teratogenic	0.05
179	Cadmium hydroxide	21041-95-2	Carcinogenic; Teratogenic	0.05
180	Chrysene	218-01-9	Carcinogenic; PBT; vPvB	0.05

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 16 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, Formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and liner]	-	Endocrine disrupting properties	0.05
182	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride) (TMA)	552-30-7	Respiratory sensitising properties	0.05
183	Dicyclohexyl phthalate (DCHP)	84-61-7	Toxic for reproduction; Endocrine disrupting properties	0.05
184	Benzo[ghi]perylene	191-24-2	PBT;vPvB	0.05
185	Decamethylcyclopentasiloxane (D5)	541-02-6	PBT;vPvB	0.05
186	Disodium octaborate	12008-41-2	Toxic for reproduction	0.05
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	PBT;vPvB	0.05
188	Ethylenediamine (EDA)	107-15-3	Respiratory sensitization properties	0.05
189	Lead	7439-92-1	Toxic for reproduction	0.05
190	Octamethylcyclotetrasiloxane (D4)	556-67-2	PBT;vPvB	0.05
191	Terphenyl hydrogenated	61788-32-7	vPvB	0.05
192	Pyrene	129-00-0; 1718-52-1	PBT;vPvB	0.05
193	Phenanthrene	85-01-8	vPvB	0.05
194	Fluoranthene	206-44-0; 93951-69-0	PBT;vPvB	0.05
195	Benzo[k]fluoranthene	207-08-9	PBT;vPvB; Carcinogenic	0.05
196	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	Toxic for reproduction	0.05
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor) (3-BC)	15087-24-8	Endocrine disrupting properties	0.05

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 17 of 21

Seq.	Substance Name	CAS No.	Attribute	RL(%)
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)	/	Endocrine disrupting properties	0.05
199	2-methoxyethyl acetate	203-772-9 110-49-6	Endocrine disrupting properties	0.05
200	4-tert-butylphenol	202-679-0 98-54-4	Endocrine disrupting properties	0.05
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	/	Endocrine disrupting properties	0.05
202	Diisohexyl phthalate	71850-09-4	Toxic for reproduction	0.05
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	Toxic for reproduction	0.05
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	Toxic for reproduction	0.05
205	Perfluorobutane sulfonic acid (PFBS) and its salts	/	Endocrine disrupting properties	0.05
206	1-vinylimidazole	1072-63-5	Toxic for reproduction	0.05
207	2-methylimidazole	693-98-1	Toxic for reproduction	0.05
208	Butyl 4-hydroxybenzoate	94-26-8	Endocrine disrupting properties	0.05
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	Toxic for reproduction	0.05
210	Tetraethylene glycol dimethyl ether	143-24-8	Toxic for reproduction	0.05
211	Dioctyltin 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	/	Toxic for reproduction	0.05

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 18 of 21

Note:

1. SVHC = Substance of very high concern.
2. RL=Reporting Limit. All RL are based on homogenous material.
3. N.D. = Not detected (Lower than RL), ND is denoted on the SVHC substance.
4. Δ = Determination was based on elemental analysis. The content was calculated based on assumption of worst-case.
5. 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), if both the following conditions are met:
 - (a) the substance is present in those articles in quantities totaling over one tonne per producer or importer per year;
 - (b) The substance is present in those articles above a concentration of 0.1% weight by weight (w/w).
6. Form 28 October 2008, EU & EEA suppliers of articles of articles which contain substances on the Candidate List in a concentration above 0.1% (W/W) must provide sufficient information, available to them, to their customers and on request to a consumer within 45 days of the receipt of this request. This information must ensure safe use of the article and, as a minimum, include the name of the substance.

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

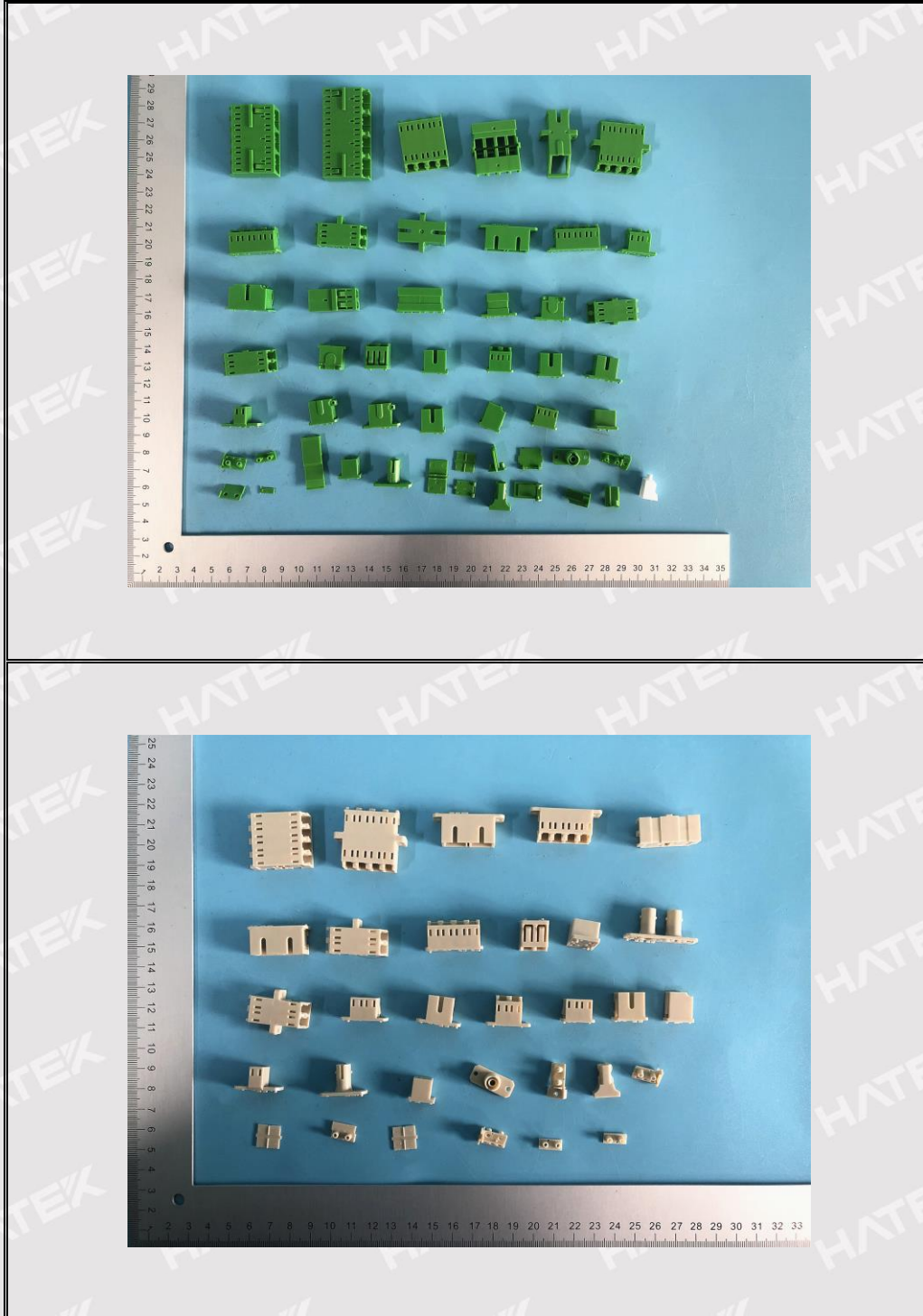
TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 19 of 21

Sample Photo:



This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

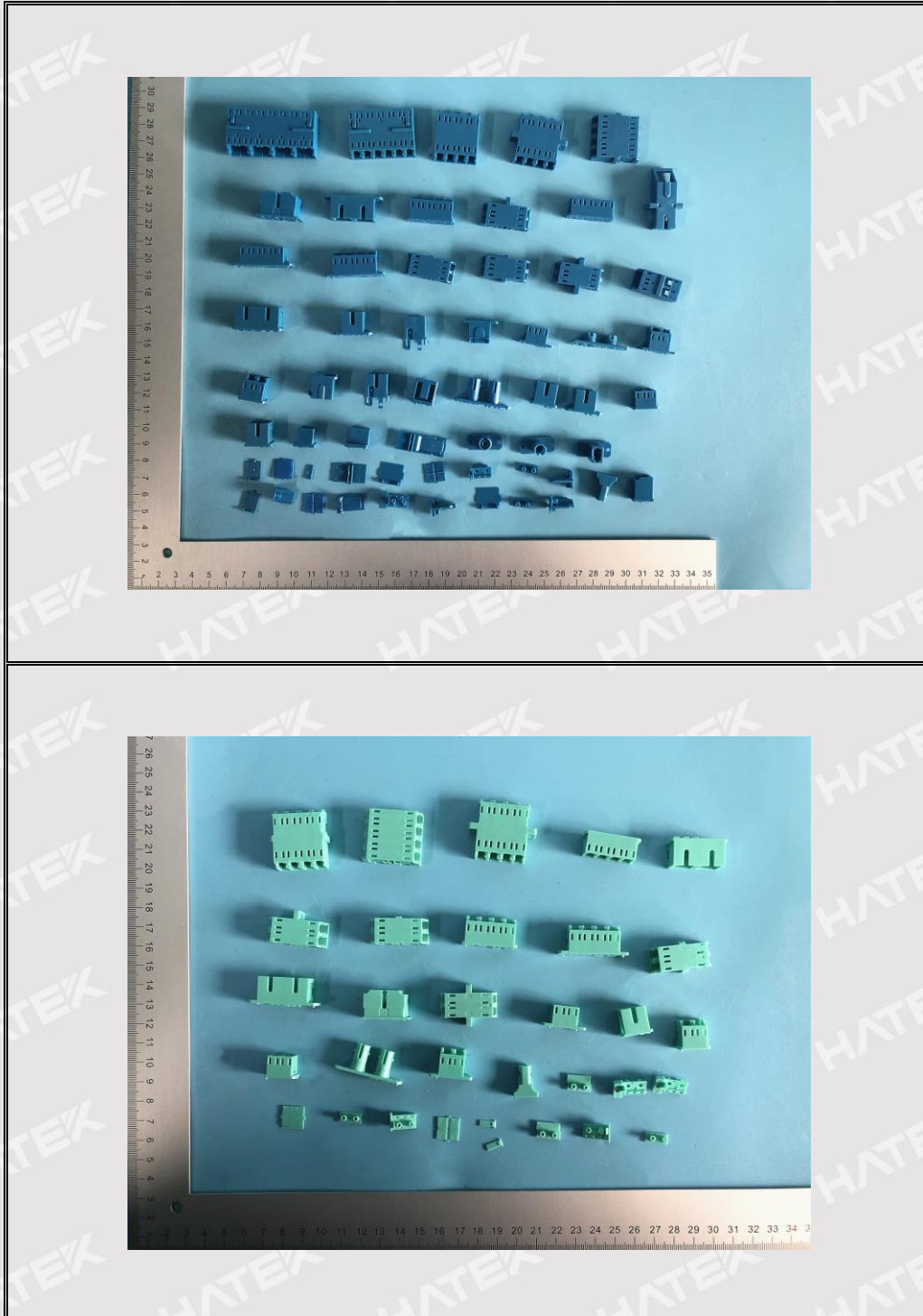
Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 20 of 21



This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

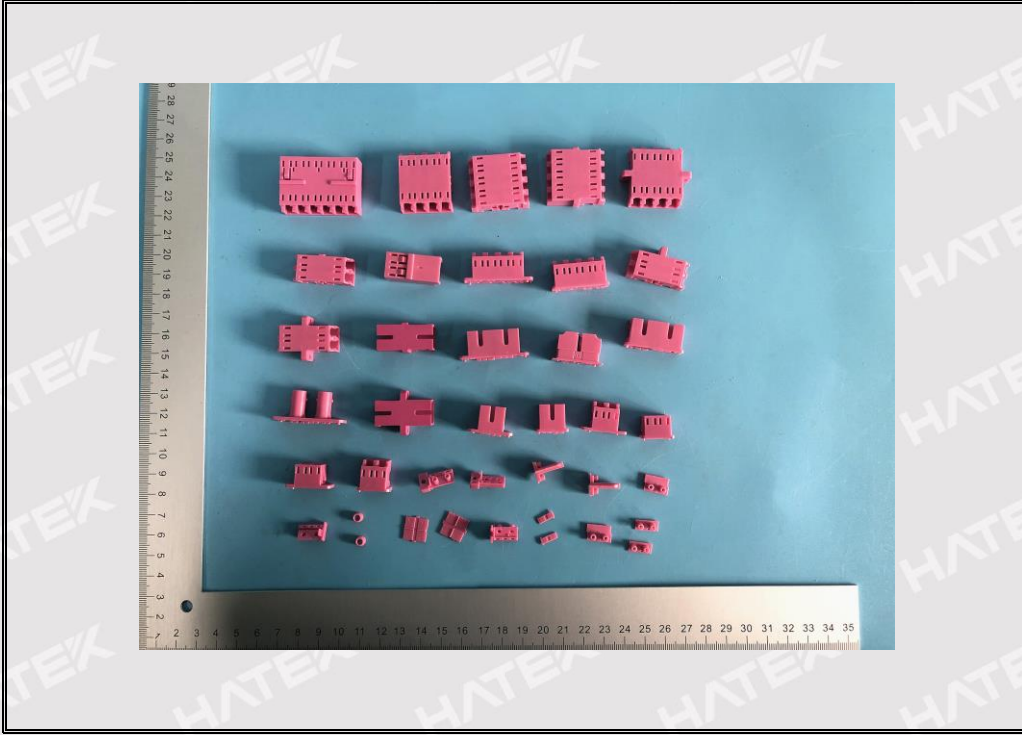
Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn

TEST REPORT

Report No.: HA0121030747CHEM

Date: March 29, 2021

Page 21 of 21



===== End of Test Report =====

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China.

Tel: 86-574-55127666 Fax: 86-574-55127899 Website: www.hatek.com.cn E-mail: info@hatek.com.cn