

Test Report

Report No.: NB2020052388-R1

Date: May 27, 2020

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Applicant: SHENZHEN ERYONE TECHNOLOGY CO.,LTD.

Address: 201,BILDING B, HONGWAN INDUSTRIAL ZONE, GUSHU COMMUNITY,
XIXIANG ST.,BAO'AN DIST.,SHENZHEN

The following merchandise were submitted and identified by the clients as:

Sample Name: 3D Printing Photopolymer Resin
Model No.: C-0503 M-0601 Y-0702 K-5302 W-7459 S-6034
T-0106 G-0892 G-0893 G-0894 P-7463 R-9875

The following information were confirmed by the laboratory:

Testing Period: From May 19, 2020 to May 22, 2020
Test Results: Please refer to next page(s)

Summary of test results

Test Requested	Conclusion
1 Heavy Metals, Flame Retardants and Phthalates Content - European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments Commission Delegated Directive (EU) 2015/863	PASS

Signed for and on behalf of Guangdong NewBest Testing Service Co., Ltd.

Approved by:

Jum

Manager



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Test results:

Tested part(s) description:

Test Item(s)	Description	Location
I001	Gray liquid	--

1. Heavy Metals , Flame Retardants and Phthalates Content - European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments Commission Delegated Directive (EU) 2015/863

Analyte	Requirement (mg/kg)	Result (mg/kg)
		Test Item(s)
		I001
Lead (Pb)	1000	N.D.
Mercury (Hg)	1000	N.D.
Cadmium(Cd)	100	N.D.
Hexavalent Chromium (CrVI)	1000	N.D.
Monobromobiphenyl	--	N.D.
Dibromobiphenyl	--	N.D.
Tribromobiphenyl	--	N.D.
Tetrabromobiphenyl	--	N.D.
Pentabromobiphenyl	--	N.D.
Hexabromobiphenyl	--	N.D.
Heptabromobiphenyl	--	N.D.
Octabromobiphenyl	--	N.D.
Nonabromobiphenyl	--	N.D.
Decabromobiphenyl	--	N.D.
Sum of PBBs	1000	N.D.
Monobromodiphenyl ether	--	N.D.
Dibromodiphenyl ether	--	N.D.
Tribromodiphenyl ether	--	N.D.
Tetrabromodiphenyl ether	--	N.D.
Pentabromodiphenyl ether	--	N.D.
Hexabromodiphenyl ether	--	N.D.
Heptabromodiphenyl ether	--	N.D.
Octabromodiphenyl ether	--	N.D.
Nonabromodiphenyl ether	--	N.D.
Decabromodiphenyl ether	--	N.D.
Sum of PBDEs	1000	N.D.
Dibutyl phthalate (DBP)	1000	N.D.
Di-(2-ethyl hexyl) phthalate (DEHP)	1000	N.D.
Benzyl butyl phthalate (BBP)	1000	N.D.

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Analyte	Requirement (mg/kg)	Result (mg/kg)
		Test Item(s)
		I001
Di-(iso-butyl) phthalate (DIBP)	1000	N.D.
Conclusion		PASS

Note: N.D. = Not detected(<MDL) MDL= Detection Limit
 N.A. = Not applicable
 mg/kg = milligram per kilogram = ppm = part per million 10 000 mg/kg = 1 %
 The list of analytes is summarized in table of Appendix.
 Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative.
 Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as
 in compliance with European Council Directive 2011/65/EU, Article 4(1)(less than 0.10µg/cm²).
 While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded
 as in conflict with European Council Directive 2011/65/EU, Article 4(1)(greater than 0.13µg/cm²).

APPENDIX:

List of Analytes and their Corresponding Test Methods [European Council Directive 2011/65/EU]:			
No.	Name of Analytes	Detection Limit(mg/kg)	Test Method(s)
1	Lead (Pb)	10	With reference to IEC 62321-5: 2013.
2	Cadmium (Cd)	10	
3	Mercury (Hg)	10	
4	Chromium VI (Cr VI)	10 / See Note(Metal)	With reference to IEC 62321-5: 2013 for total chromium content first. <u>Polymers & Electronics</u> : With reference to IEC 62321-7-2:2017. <u>Metal</u> : With reference to IEC 62321-7-1:2015.
5	Polybromobiphenyls(PBBs)	50(each)	With reference to IEC 62321-6: 2015.
6	Polybromodiphenyl ethers(PBDEs)	50(each)	
7	Dibutyl phthalate (DBP) Di-(2-ethyl hexyl) phthalate (DEHP) Benzyl butyl phthalate (BBP) Di-(iso-butyl) phthalate (DIBP)	50(each)	With reference to IEC 62321-8:2017.

Remark: This report is to supersede NBTS report No. NB2020052388 dated on May 22, 2020.

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Samples photograph



NBTS authenticate the photograph on original report only

*** End of Report ***

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