



中国认可
国际互认
检测
TESTING
CNAS L7916

TEST REPORT

Report No.: GST200500042ENR1-1

Report Date: May. 28, 2020

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Applicant : Taizhou Guanghe Rubber Co.,Ltd.

Address : Hongchou Town, Tiantai County, Taizhou City, Zhejiang Province

(The Submitted Sample Said To Be)

Sample Name : Cable Protector

Model/Item No : OBC-XC-21

Trade Mark : OBC

Test Period : From May 12. 2020 to May. 28 2020

Tests conducted : As requested by the applicant, for details refer to attached page(s).

Executive Summary:

No.	TESTED SAMPLE	STANDARD	CONCLUSION
1	Tested material(s) of submitted sample(s)	Pb, Cd, Hg, CrVI, PBBs and PBDEs - Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 and its subsequent amendments	PASS
2	Tested material(s) of submitted sample(s)	Phthalates - Commission Delegated Directive (EU) 2015/863 of 31 March 2015	PASS

Signed for and on behalf of
GuangzhouGuanding Standard Testing Technology Co., Ltd.

Approved by:

Shuo Fang/Technical Director

Guangzhou Guanding Standard Testing Technology Co., Ltd.

No.304, Haoxin Industrial Park, No.46, Qixin Road, Dongyong, Nansha District, Guangzhou, Guangdong, China
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TESTS CONDUCTED:

Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI))

Test Method: With reference to IEC62321-4:2013+A1:2017, IEC 62321-5:2013, IEC 62321-7-2ⁿ:2015
analyzed by ICP-OES & UV-Vis.

Test Items	Unit	RL	Limit	Test result	
				1	2
Lead(Pb)	mg/kg	2	1000	N.D.	N.D.
Cadmium(Cd)	mg/kg	2	100	N.D.	N.D.
Mercury(Hg)	mg/kg	2	1000	N.D.	N.D.
Hexavalent Chromium (Cr(VI))	mg/kg	2	1000	N.D.	N.D.
Conclusion				PASS	PASS

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Polybrominated Biphenyls (PBBs) and Polybrominated DiphenylEthers (PBDEs)

Test Method: With reference to IEC 62321-6:2015, analyzed by GC-MS.

Test Items	Unit	RL	Limit	Test result	
				1	2
Mono-bromobiphenyl	mg/kg	5	/	N.D.	N.D.
Di-bromobiphenyl	mg/kg	5	/	N.D.	N.D.
Tri-bromobiphenyl	mg/kg	5	/	N.D.	N.D.
Tetra-bromobiphenyl	mg/kg	5	/	N.D.	N.D.
Penta-bromobiphenyl	mg/kg	5	/	N.D.	N.D.
Hexa-bromobiphenyl	mg/kg	5	/	N.D.	N.D.
Hepta-bromobiphenyl	mg/kg	5	/	N.D.	N.D.
Octa-bromobiphenyl	mg/kg	5	/	N.D.	N.D.
Nona-bromobiphenyl	mg/kg	5	/	N.D.	N.D.
Deca-bromobiphenyl	mg/kg	5	/	N.D.	N.D.
Polybrominated Biphenyls (PBBs)	mg/kg	/	1000	N.D.	N.D.
Mono-bromodiphenyl ether	mg/kg	5	/	N.D.	N.D.
Di-bromodiphenyl ether	mg/kg	5	/	N.D.	N.D.
Tri-bromodiphenyl ether	mg/kg	5	/	N.D.	N.D.
Tetra-bromodiphenyl ether	mg/kg	5	/	N.D.	N.D.
Penta-bromodiphenyl ether	mg/kg	5	/	N.D.	N.D.
Hexa-bromodiphenyl ether	mg/kg	5	/	N.D.	N.D.
Hepta-bromodiphenyl ether	mg/kg	5	/	N.D.	N.D.
Octa-bromodiphenyl ether	mg/kg	5	/	N.D.	N.D.
Nona-bromodiphenyl ether	mg/kg	5	/	N.D.	N.D.
Deca-bromodiphenyl ether	mg/kg	5	/	N.D.	N.D.
Polybrominated DiphenylEthers (PBDEs)	mg/kg	/	1000	N.D.	N.D.
Conclusion				PASS	PASS



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Phthalates (DBP, BBP, DEHP, DIBP)

Test Method: With reference to IEC 62321-8ⁿ: 2017, analyzed by GC-MS

Test Substances	CAS No.	Unit	RL	Limit	Test result	
					1	2
Dibutyl phthalate (DBP)	84-74-2	mg/kg	20	1000	N.D.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	mg/kg	20	1000	N.D.	N.D.
Di(2-ethylhexyl) phthalate (DEHP)	117-81-7	mg/kg	20	1000	N.D.	N.D.
Diisobutyl phthalate (DIBP)	84-69-5	mg/kg	20	1000	N.D.	N.D.
Conclusion					PASS	PASS

Note: 1. mg/kg = milligram per kilogram (ppm).。

2. “/”=Not regulated.

3. RL = report limit.。

4. N.D.=not detected(less than RL)。

5. Negative = Absence of Cr(VI) coating, Positive = Presence of Cr(VI) coating.

6. 1# will be resubmitted for testing on May. 26. 2020

7. Items marked with “n” means they are not accredited by CNAS.

Test Material List

The following materials apply only to the samples submitted for chemical testing.

Material No.	Description
1	Black plastic
2	Yellow plastic

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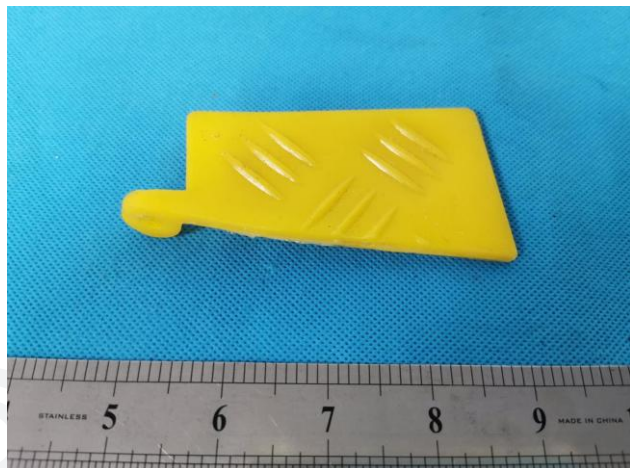
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Photo Appendix



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REMARK: This report replaces GST200500042EN-1, which will be automatically nullified on the date of issuance of this report

★★★★★End of Report★★★★★

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