

Test Report

Report No.: GNB190711136EN

Date: Jul. 15, 2019

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The following information was/were submitted and identified by/on behalf of the client:

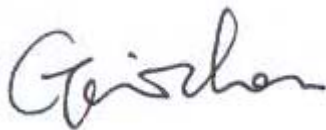
Applicant : ZHEJIANG HANER PLASTIC CO., LTD.
Address : No 187th, Weiwu Road, Yueqing Economic Development Zone,
Yueqing, Zhejiang, China
Sample Name : Cross Spacer
Sample Model : 1.0mm、1.5mm、2.0mm、2.5mm、3.0mm、4.0mm、5.0mm、6.0mm、8.0mm
Sample Receive Date : Jul. 11, 2019
Sample Testing Period : Jul. 11, 2019 - Jul. 15, 2019
Test Result Summary:

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

TEST ITEM(S)	TEST REQUESTED	CONCLUSION(S)
Pb, Cd, Hg, CrVI, PBBs, PBDEs and Phthalates (DBP, BBP, DEHP, DIBP) content	RoHS Directive 2011/65/EU and its amendment (EU) 2015/863	PASS

ORIGINAL

Authorized signature:



Lab Manager: Gavin Zhou



Jul. 15, 2019

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Test Result(s):
Test Sample Description:

Material No.	Material Description
<u>01</u>	White plastic

RoHS(Pb, Cd, Hg, CrVI, PBBs, PBDEs and Phthalates(DBP, BBP, DEHP, DIBP))

Test Method: Lead(Pb), Cadmium(Cd) –IEC 62321-5: 2013
 Mercury(Hg) –IEC 62321-4: 2013
 Chromium VI(CrVI) –IEC 62321-7-2: 2017
 PBBs, PBDEs –IEC 62321-6: 2015
 DBP, BBP, DEHP, DIBP –IEC 62321-8: 2017

<u>Test item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>RL</u>	<u>Result(s)</u>
				<u>01</u>
Lead(Pb)	1000	mg/kg	10	N.D.
Cadmium(Cd)	100	mg/kg	10	N.D.
Mercury(Hg)	1000	mg/kg	10	N.D.
Chromium VI(CrVI)	1000	mg/kg	50	N.D.
Dibutyl phthalate(DBP)	1000	mg/kg	50	N.D.
Butyl benzyl phthalate(BBP)	1000	mg/kg	50	N.D.
Di-2-ethylhexyl phthalate(DEHP)	1000	mg/kg	50	N.D.
Di-iso-butyl phthalate(DIBP)	1000	mg/kg	50	N.D.
Monobromobiphenyls	--	mg/kg	5	N.D.
Dibromobiphenyls	--	mg/kg	5	N.D.
Tribromobiphenyls	--	mg/kg	5	N.D.
Tetrabromobiphenyls	--	mg/kg	5	N.D.
Pentabromobiphenyls	--	mg/kg	5	N.D.
Hexabromobiphenyls	--	mg/kg	5	N.D.
Heptabromobiphenyls	--	mg/kg	5	N.D.
Octabromobiphenyls	--	mg/kg	5	N.D.
Nonabromobiphenyls	--	mg/kg	5	N.D.
Decabromobiphenyl	--	mg/kg	5	N.D.
Group PBBs	1000	mg/kg	--	N.D.
Monobromodiphenyl ethers	--	mg/kg	5	N.D.
Dibromodiphenyl ethers	--	mg/kg	5	N.D.
Tribromodiphenyl ethers	--	mg/kg	5	N.D.

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Test item(s)	Limit	Unit	RL	Result(s)
				01
Tetrabromodiphenyl ethers	--	mg/kg	5	N.D.
Pentabromodiphenyl ethers	--	mg/kg	5	N.D.
Hexabromodiphenyl ethers	--	mg/kg	5	N.D.
Heptabromodiphenyl ethers	--	mg/kg	5	N.D.
Octabromodiphenyl ethers	--	mg/kg	5	N.D.
Nonabromodiphenyl ethers	--	mg/kg	5	N.D.
Decabromodiphenyl ether	--	mg/kg	5	N.D.
Group PBDEs	1000	mg/kg	--	N.D.
Conclusion(s)				PASS

- Note:**
1. 1000mg/kg = 0.1%;
 2. RL = Reporting Limit;
 3. N.D. = Not detected (<RL).

GIG

Sample Photo(s):



GIG authenticate the photo(s) on original report only

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

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