

TEST REPORT

Report No: SZ160510131R1EN Report Date: 2016/05/26

Applicant ZHONG SHAN CITY XU LI PLASTIC CO., LTD

Address DONG SHENG DEVELOPMENT ZONE, WAN FU ROAD, DONG SHENG

TOWN, ZHONG SHAN CITY, GUANG DONG, CHINA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name Nylon plastic granule

Material AKV30FN00, A30FN31 material

Sample Received Date 2016.05.10

Testing Period 2016.05.10-2016.05.13

As specified by client, to test the submitted sample(s) according to RoHS (Restriction of Hazardous Substances) DIRECTIVE 2011/65/EU.

TEST ITEM(S)		TEST STANDARD(S)	CONCLUSION
1.	Total Lead(Pb), Total Cadmium(Cd), Total		
	Mercury(Hg), Hexavalent	IEC 62321-4:2013	
	Chromium(Cr(VI)),	IEC 62321-5:2013	Refer to next
	Polybrominated Biphenyls(PBBs) and	IEC 62321:2008	page
	Polybrominated Dipheny Ethers (PBDEs)	IEC 62321-6:2015	
	Content		

Note: "EN" denotes English report

This report supersedes the report SZ160510131EN issued on 2016.05.13

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

Approved by Testing Service

Joey Tour

Vice General Manager

Checked by

Date 2016.05.26

Shenzhen Impaq Testing Technology Co.,Ltd..

Tel.: (86) 755 32998288 Fax: (86) 755 32998299

No. 201, Comprehensive office building A, Qianhai Shenzhen & Hongkong Cooperation Zone Authority, No. 1 Liyumen Street, No. 1 Qianwan Road, Shenzhen & Hongkong Coopration Zone, Qianhai, Shenzhen(Settled Shenzhen Qianhai Commercial Secretary Co., Ltd)



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TEST RESULTS

1. ROHS DIRECTIVE 2011/65/EU

With reference to IEC 62321-4:2013/ IEC 62321-5:2013/ IEC 62321:2008/ IEC 62321-6:2015, and analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES), Gas Chromatography and Mass Spectrometry (GC-MS) and UV-Vis spectrophotometer.

	Result	MDL	Limit
Tested Item(s)	(mg/kg)	(mg/kg)	(mg/kg)
	001+002	(ilig/kg)	(ilig/kg)
Total Lead(Pb)	N.D.	2.0	-
Total Cadmium(Cd)	N.D.	2.0	-
Total Mercury(Hg)	N.D.	2.0	-
Hexavalent Chromium(Cr(VI))	N.D.	2.0	-
Monobromobiphenyl	N.D.	5.0	-
Dibromobiphenyl	N.D.	5.0	-
Tribromobiphenyl	N.D.	5.0	-
Tetrabromobiphenyl	N.D.	5.0	-
Pentabromobiphenyl	N.D.	5.0	-
Hexabromobiphenyl	N.D.	5.0	-
Heptabromobiphenyl	N.D.	5.0	-
Octabromobiphenyl	N.D.	5.0	-
Nonabromobiphenyl	N.D.	5.0	-
Decabromobiphenyl	N.D.	5.0	-
Sum of Polybrominated Biphenyls(PBBs)	N.D.	-	-
Monobromodiphenyl ether	N.D.	5.0	-
Dibromodiphenyl ether	N.D.	5.0	-
Tribromodiphenyl ether	N.D.	5.0	-
Tetrabromodiphenyl ether	N.D.	5.0	-
Pentabromodiphenyl ether	N.D.	5.0	-
Hexabromodiphenyl ether	N.D.	5.0	-
Heptabromodiphenyl ether	N.D.	5.0	-
Octabromodiphenyl ether	N.D.	5.0	-
Nonabromodiphenyl ether	N.D.	5.0	-
Decabromodiphenyl ether	N.D.	5.0	-
Sum of Polybrominated Diphenyl Ethers(PBDEs)	N.D.	-	-

Note: The sample(s) had been digested totally tested for Lead, Cadmium, Mercury

- "MDL" denotes Method Detection Limit
- "N.D." denotes Not Detected (<MDL)
- "mg/kg" denotes milligram per kilogram

Testing Address: 3rd Floor, Building 28, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2, Nanshan District, Shenzhen City, 518052, P.R. China

Shenzhen Impaq Testing Technology Co.,Ltd.

Tel.: (86) 755 32998288

Fax: (86) 755 32998299

No. 201, Comprehensive office building A, Qianhai Shenzhen & Hongkong Cooperation Zone Authority, No.1 Liyumen Street, No.1 Qianwan Road, Shenzhen & Hongkong Coopration Zone, Qianhai, Shenzhen(Settled Shenzhen Qianhai Commercial Secretary Co., Ltd)



volumetric flask and make up

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Report Date: 2016/05/26 Report No: SZ160510131R1EN **Test Flow Chart** Pb&Cd&Hg Content Weigh sample Add digestion reagent Digest samples Analyzed by ICP-OES Make up with deionized water Filtration Chromium(VI) Content Heat the samples to 90-95°C Weigh sample and place it in a conical flask Add digestion solution Analyzed by UV-Vis Adjust the pH value of the solution Add test solution Filtration PBBs/PBDEs Content Weigh sample and place it in Soxhlet thimble Add reagent into flask Reflux Concentrated by rotary evaporator Cool down to room temperature Transfer the concentrated extract to a Filtration Analyzed by GC-MS



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TESTED SAMPLE/PART DESCRIPTION

Sample	Tested Material Description
001	Beige plastic granule
002	White plastic granule

Photo(s) of the sample(s)



表格 1

*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of IMPAQ, this report can't be reproduced except in full.