Technical Report No. 68.434.17.0034.02B
Dated 2017-10-30

Client:	
Address:	
Attn.:	Ms. Lisa Chan
Sample Description:	Rubber floor
Model No.:	/
Supplier:	
Location of Testing:	TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Sample Received Date:	2017-10-11
Test Period:	From 2017-10-11 to 2017-10-19
Test Requested and Conclusion:	Test according to RoHS (Restriction of Hazardous Substances) directive 2011/65/EU on submitted samples - Heavy Metal (Pb, Cd, Hg and CrVI) Content **PASS** - Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl Ethers (PBDEs) Content **PASS**
Test Result:	Refer to the following page(s)
Remark:	- The result(s) relates only to the item(s) tested. - This report supersedes previous report 68.434.17.0034.01B issued on 2017-10-27.

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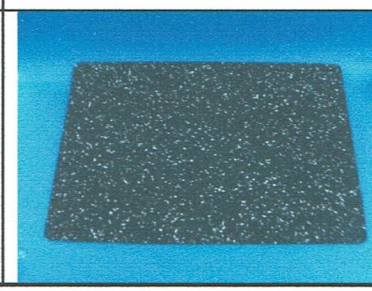
1. TESTED SUBJECT DESCRIPTION

Sample Number	Item Name	Tested Material Description	Photo
001	Floor	Black rubber with white speckle	

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2. TEST RESULTS

2.1. POLYBROMINATED BIPHENYLS AND POLYBROMINATED DIPHENYL ETHERS CONTENT

Test Method: With reference to EN 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS). [Reporting Limit: 5mg/kg]

Test Item		Result [mg/kg]	RoHS Requirement [mg/kg]
		Sample 001	
PBBs	Monobromobiphenyl	< 5	Sum of PBBs < 1000
	Dibromobiphenyl	< 5	
	Tribromobiphenyl	< 5	
	Tetrabromobiphenyl	< 5	
	Pentabromobiphenyl	< 5	
	Hexabromobiphenyl	< 5	
	Heptabromobiphenyl	< 5	
	Octabromobiphenyl	< 5	
	Nonabromobiphenyl	< 5	
	Decabromobiphenyl	< 5	
	Sum of PBBs	< 5	
PBDEs	Monobromodiphenyl Ether	< 5	Sum of PBDEs < 1000
	Dibromodiphenyl Ether	< 5	
	Tribromodiphenyl Ether	< 5	
	Tetrabromodiphenyl Ether	< 5	
	Pentabromodiphenyl Ether	< 5	
	Hexabromodiphenyl Ether	< 5	
	Heptabromodiphenyl Ether	< 5	
	Octabromodiphenyl Ether	< 5	
	Nonabromodiphenyl Ether	< 5	
	Decabromodiphenyl Ether	< 5	
	Sum of PBDEs	< 5	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

2.2. HEAVY METAL CONTENT

Test method: With reference to EN 62321-4:2014, EN 62321-5:2014 and EN 62321-7-2:2017, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) and UV-Vis spectrophotometer. [Reporting Limit: 2 mg/kg for Cadmium; 10 mg/kg for Hexavalent Chromium, Lead and Mercury.]

Sample No.	Result [mg/kg]			
	Total Cadmium	Hexavalent Chromium	Total Mercury	Total Lead
001	<2.0	<10	<10	30.8
RoHS Requirement	100	1000	1000	1000

Note:
- "mg/kg" denotes milligram per kilogram
- "<" denotes less than

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TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
TÜV SÜD Group

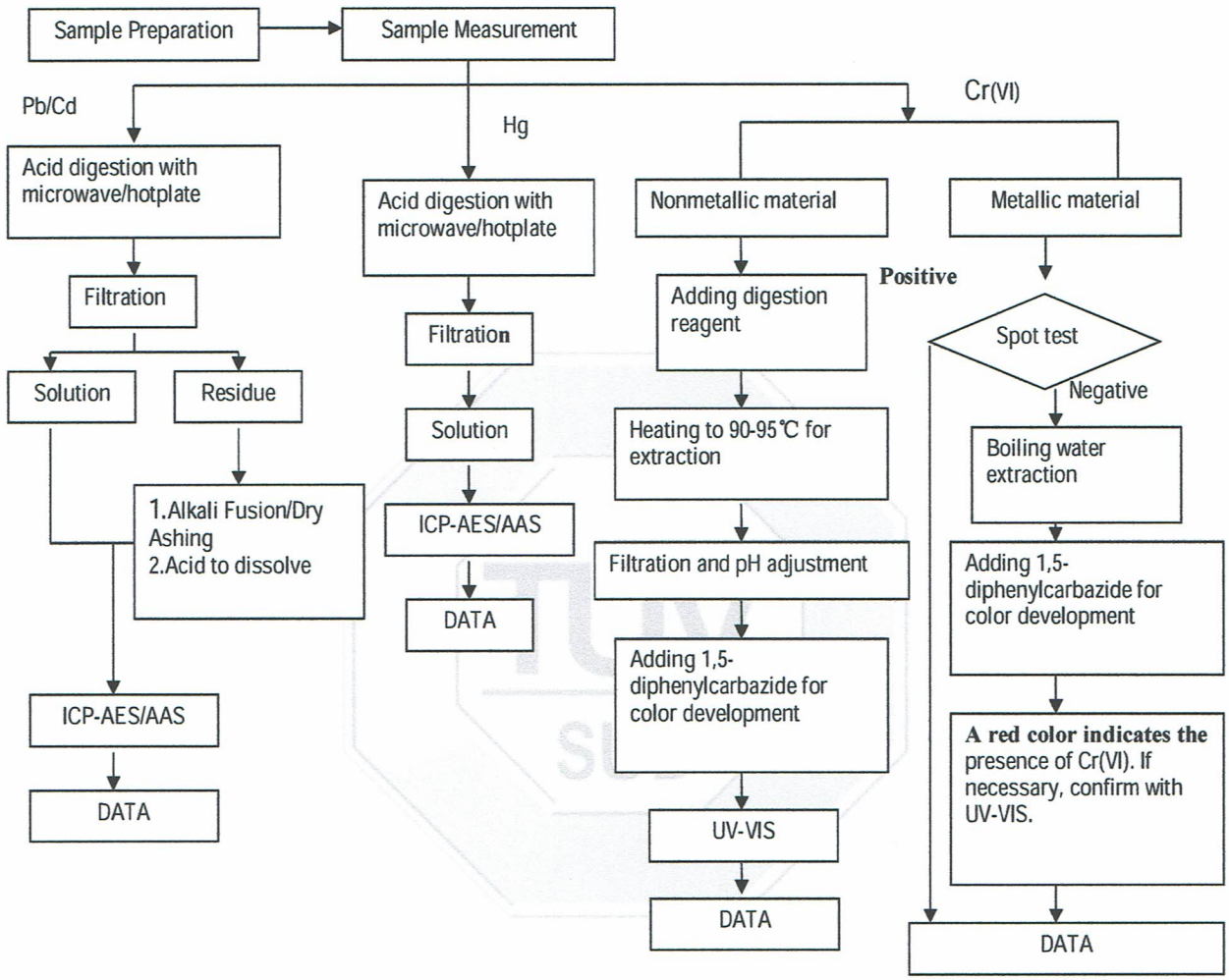
Prepared by:

Jason Peng
Project Handler

Reviewed by:

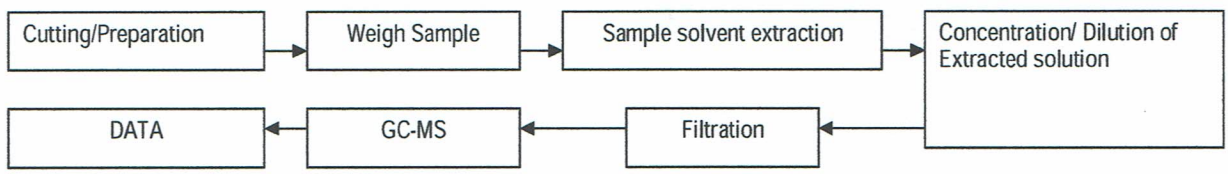
Vic Wei
Designated Reviewer

Appendix RoHS Testing Procedure Flowchart



These sample were dissolved totally by pre-conditioning method according to above flow chart(Cr(VI) test method excluded)

PBBs/PBDEs



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