



Test Report

No.: DGC150414006K04

Date: April 16, 2015

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Applicant: SHANGHAI OPTAPE INDUSTRIAL MATERIAL CO.,LTD

Address: No.769 Shitai road, Baoshan, Shanghai

Manufacturer: SHANGHAI OPTAPE INDUSTRIAL MATERIAL CO.,LTD

Address: No.769 Shitai road, Baoshan, Shanghai

Sample Name: Butyl tape

Model No.: /

Date of Sample Received: April 14, 2015

Test period: April 14, 2015 to April 16, 2015

Test requested: In accordance with RoHS Directive 2011/65/EU.

Test method: With reference to IEC 62321-2008 Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.

Test result: Please refer to next page.

Conclusion: Based on the test results, the submitted sample(s) comply with the RoHS Directive 2011/65/EU.

Written by:

Kelly

Checked by:

Ken

Approved by:

Coby



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Accurate Technology Co., Ltd.

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Test results:

Test Items	Test methods	Unit	MDL	Results	RoHS Limit
				No.1	
Cadmium (Cd)	With reference to IEC 62321:2008 Section 8, test by ICP-OES	mg/kg	2	N.D.	100
Lead (Pb)				N.D.	1000
Mercury (Hg)	With reference to IEC 62321:2008 Section 7, test by ICP-OES	mg/kg	2	N.D.	1000
Chromium (Cr ⁶⁺) by Alkaline extraction	With reference to IEC 62321: 2008 Annex C, test by UV-Vis	mg/kg	2	N.D.	1000
Sum of PBBs	With reference to IEC 62321: 2008 Annex A, test by GC-MS	mg/kg	---	N.D.	1000
Monobromobiphenyl		mg/kg	5	N.D.	---
Dibromobiphenyl		mg/kg	5	N.D.	---
Tribromobiphenyl		mg/kg	5	N.D.	---
Tetrabromobiphenyl		mg/kg	5	N.D.	---
Pentabromobiphenyl		mg/kg	5	N.D.	---
Hexabromobiphenyl		mg/kg	5	N.D.	---
Heptabromobiphenyl		mg/kg	5	N.D.	---
Octabromobiphenyl		mg/kg	5	N.D.	---
Nonabromobiphenyl		mg/kg	5	N.D.	---
Decabromobiphenyl		mg/kg	5	N.D.	---
Sum of PBDEs		mg/kg	---	N.D.	1000
Monobromobiphenyl ether		mg/kg	5	N.D.	---
Dibromobiphenyl ether		mg/kg	5	N.D.	---
Tribromobiphenyl ether		mg/kg	5	N.D.	---
Tetrabromobiphenyl ether		mg/kg	5	N.D.	---
Pentabromobiphenyl ether		mg/kg	5	N.D.	---
Hexabromobiphenyl ether		mg/kg	5	N.D.	---
Heptabromobiphenyl ether		mg/kg	5	N.D.	---
Octabromobiphenyl ether		mg/kg	5	N.D.	---
Nonabromobiphenyl ether	mg/kg	5	N.D.	---	
Decabromobiphenyl ether	mg/kg	5	N.D.	---	

Test Part Description:

No.1: Butyl tape

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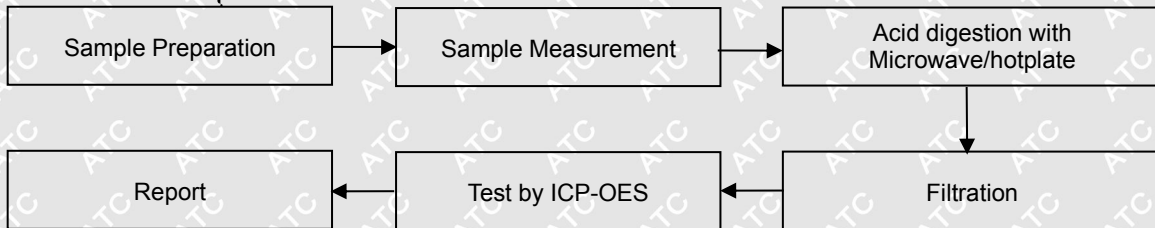
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Note:

- (1) mg/kg=ppm=0.0001%;
- (2) N.D.=Not Detected(<MDL);
- (3) MDL=Method Detection Limit;
- (4) "---"=Not Conducted;
- (5) Specimens, which requested to determine Cadmium, Mercury and Lead Content, have been dissolved completely.

Operation Flow Chart:

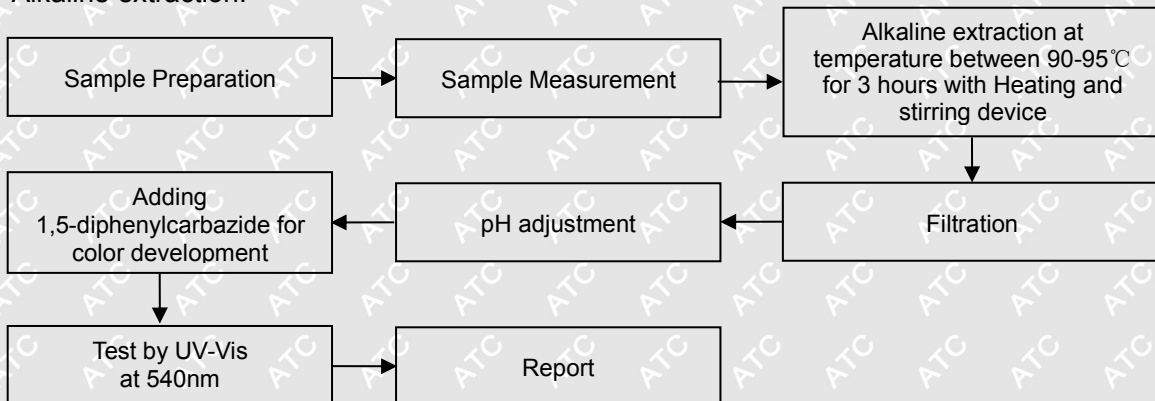
1.To Determine Lead, Cadmium,Mercury:

Tested by: *MK*

2.To Determine Cr⁶⁺:

Tested by: *Suki*

Alkaline extraction:



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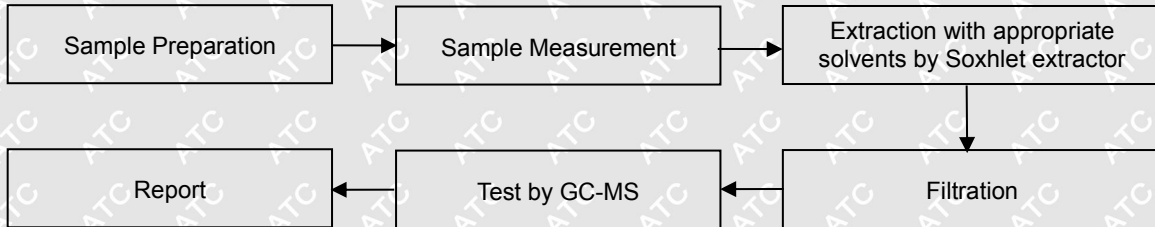
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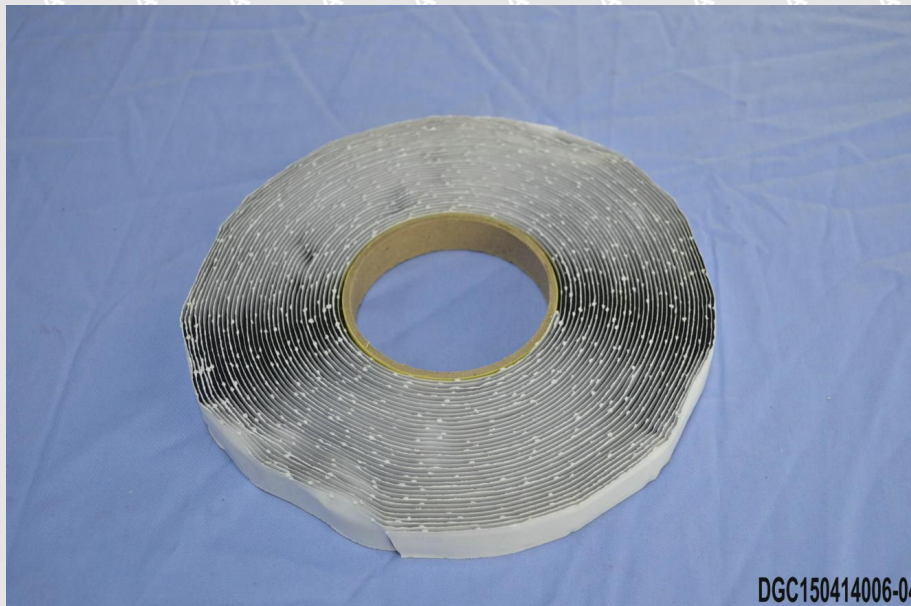
Date: April 16, 2015

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3. To Determine PBBs/PBDEs:

Tested by: *Fred*

Photograph of Sample:



End of Report

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