



Test Report

No.: DGC161114006LE02

Date: Nov. 17, 2016

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Applicant: XIN YUDA PLASTIC CO., LTD

Address: Building 16, Industrial Zone, NanLu reservoir, Fenggang Town, Dongguan City,
Guangdong, Province, China

Manufacturer: XIN YUDA PLASTIC CO., LTD

Address: Building 16, Industrial Zone, NanLu reservoir, Fenggang Town, Dongguan City,
Guangdong, Province, China

Sample Name: 3D Filament

Model No.: XYD-PLA

Lot No.: PLA-2016-11

Date of Sample Received: Nov. 14, 2016

Test period: Nov. 14, 2016 - Nov. 17, 2016

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

Test method: Please refer to next page.

Test result: Please refer to next page.

Written by:

leila

Checked by:

Saby

Approved by:

Saby



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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 62321-5: 2013, test by ICP-OES	mg/kg	2	N.D.	100
Lead (Pb)				331	1000
Mercury (Hg)	With reference to IEC 62321-4: 2013, test by ICP-OES	mg/kg	2	N.D.	1000
Chromium (Cr ⁶⁺) by Alkaline extraction	With reference to IEC 62321-7-2 (111/212/CD), test by UV-Vis	mg/kg	2	N.D.	1000
Sum of PBBs	With reference to IEC 62321-6: 2015, 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: Plastic materials (mixture test)

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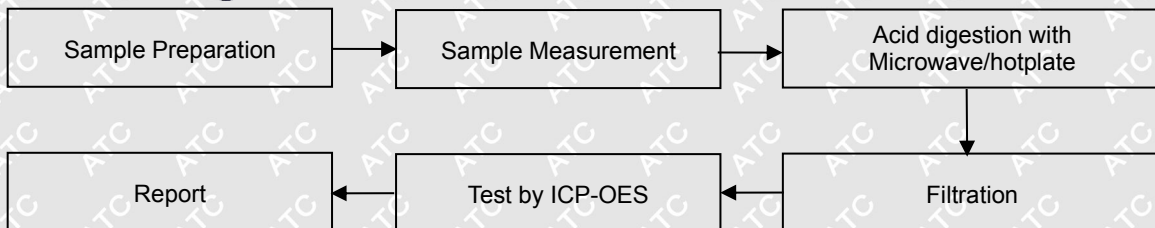
Http://www.dgacat-lab.com

Note:

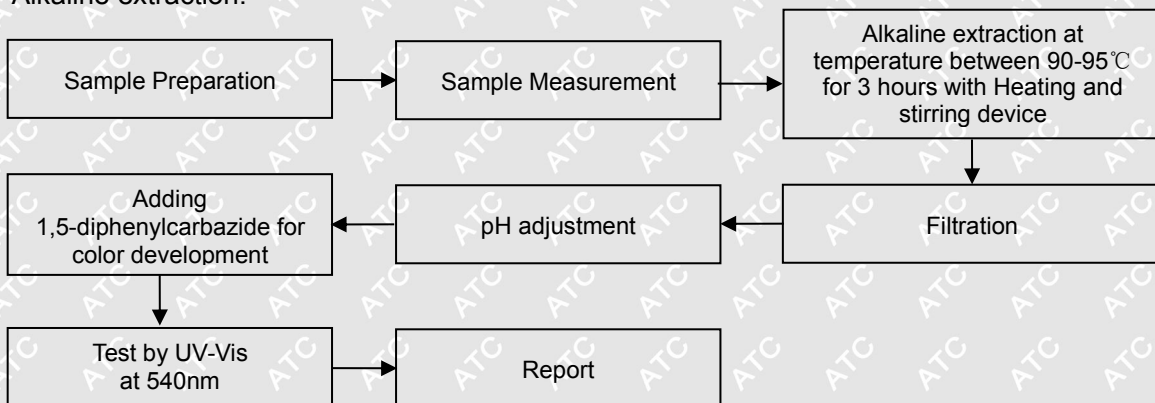
- (1) mg/kg=ppm=0.0001%;
- (2) N.D.=Not Detected(<MDL);
- (3) MDL=Method Detection Limit;
- (4) "---"=Not Conducted;
- (5) Specimens, which requested to determine Cadmium, Mercury and Lead Content, have been dissolved completely.

Operation Flow Chart:

1.To Determine Lead, Cadmium,Mercury:

Tested by: *Hugo*2.To Determine Cr⁶⁺:Tested by: *Paul*

Alkaline extraction:

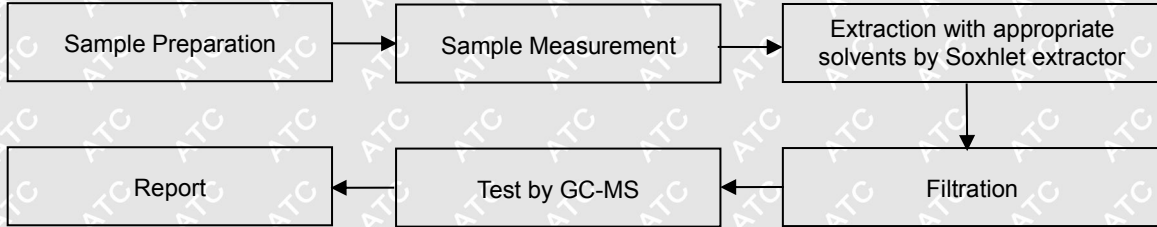


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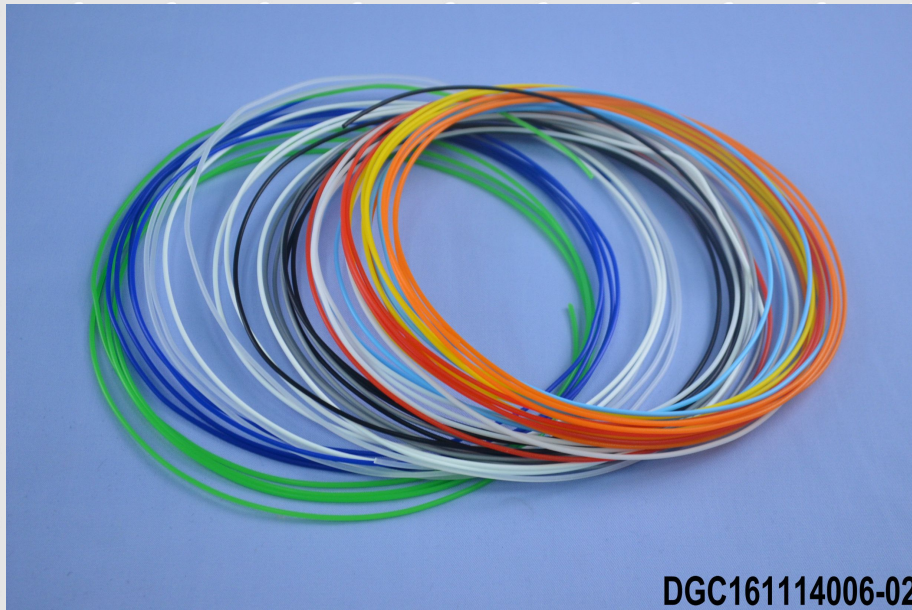
3. To Determine PBBs/PBDEs:

Tested by:

Fred



Photograph of Sample:



End of Report

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