



Test Report

No.: DGC161114006L03

Date: Nov. 17, 2016

Page 1 of 4

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-ABS

Lot No.: ABS-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



This document cannot be reproduced except in full, without prior written approval of ATC. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Accurate Technology Co., Ltd.

Address: No.345, Baima Block, Guantai Road, Nancheng District, Dongguan, Guangdong, China

Tel: (+86-769) 23301666

Fax: (+86-769) 23301600

Email: dgcs@atc-lab.com

Http://www.dgac-lab.com



Test Report

No.: DGC161114006L03

Date: Nov. 17, 2016

Page 2 of 4

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)				121	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)

This document cannot be reproduced except in full, without prior written approval of ATC. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Accurate Technology Co., Ltd.

Address: No.345, Baima Block, Guantai Road, Nancheng District, Dongguan, Guangdong, China

Tel: (+86-769) 23301666

Fax: (+86-769) 23301600

Email: dgcs@atc-lab.com

Http://www.dgac-lab.com



Test Report

No.: DGC161114006L03

Date: Nov. 17, 2016

Page 3 of 4

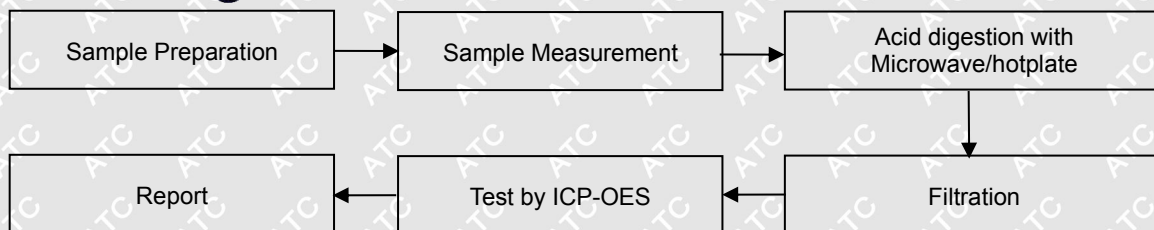
Note:

- (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:

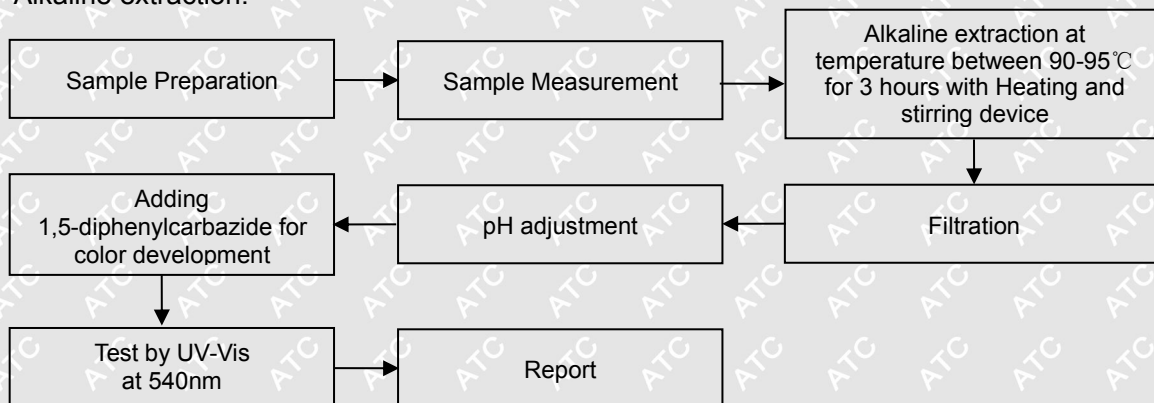
Tested by: *Hugo*



2.To Determine Cr⁶⁺:

Tested by: *Paul*

Alkaline extraction:



This document cannot be reproduced except in full, without prior written approval of ATC. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Accurate Technology Co., Ltd.

Address: No.345, Baima Block, Guantai Road, Nancheng District, Dongguan, Guangdong, China

Tel: (+86-769) 23301666

Fax: (+86-769) 23301600

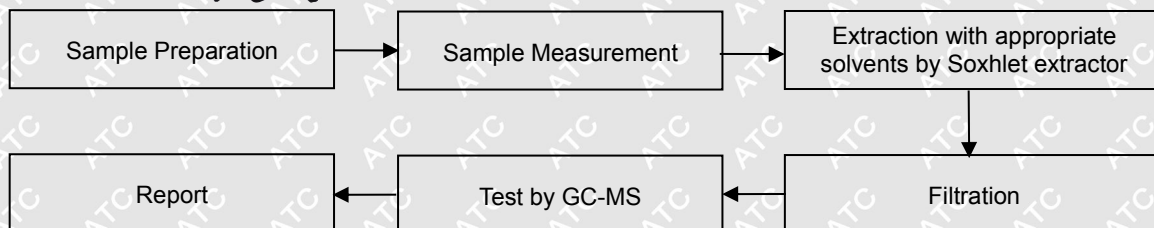
Email: dgcs@atc-lab.com

Http://www.dgac-lab.com

3. To Determine PBBs/PBDEs:

Tested by:

Fred



Photograph of Sample:



DGC161114006-03

End of Report

This document cannot be reproduced except in full, without prior written approval of ATC. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Accurate Technology Co., Ltd.

Address: No.345, Baima Block, Guantai Road, Nancheng District, Dongguan, Guangdong, China

Tel: (+86-769) 23301666

Fax: (+86-769) 23301600

Email: dgcs@atc-lab.com

Http://www.dgac-lab.com