

Test Report

Report No. RLNBF000128970002

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Applicant ZHEJIANG LONGFA ELECTRONICS CO.,LTD

Address LONGFA EDIFICE,DANXI TOWN,YUEQING CITY,ZHEJIANG PROVINCE

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

Sample Name 塑胶料
Part No. PPA
Sample Received Date Mar. 14, 2013
Testing Period Mar. 14, 2013 to Mar. 18, 2013

Test Requested As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs) in the submitted sample(s).

Test Method

Test Item(s)	Test Method	Measured Equipment(s)	MDL
Lead(Pb)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2 mg/kg
Cadmium(Cd)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2 mg/kg
Mercury(Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2 mg/kg
Hexavalent Chromium(Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis	2 mg/kg
Polybrominated Biphenyls(PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg
Polybrominated Diphenyl Ethers(PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg

Test Result(s) Please refer to the following page(s).

Conclusion

Tested Sample	According to directive	Result
Submitted Sample	2011/65/EU	Pass

Tested by

Sha Chen

Reviewed by

Lin Zhang

Approved by

Wei Miao

Date

Mar. 18, 2013

Wei Miao

Approved Signatory

No. 1343154472

Centre Testing International(Ningbo)Co.,Ltd. 7-8/F.,Building A,No.750.Chuangyuan Road,Gaoxin District,Ningbo,Zhengjiang,China

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Test Result(s)

Tested Items	Result	Directive Limit
Lead (Pb)	N.D.	1000mg/kg
Cadmium (Cd)	N.D.	100mg/kg
Mercury (Hg)	N.D.	1000mg/kg
Hexavalent Chromium (Cr ⁶⁺)	N.D.	1000mg/kg

Tested Item(s)	Result	Directive Limit
Polybrominated Biphenyls(PBBs)		
Monobromobiphenyl	N.D.	1000 mg/kg
Dibromobiphenyl	N.D.	
Tribromobiphenyl	N.D.	
Tetrabromobiphenyl	N.D.	
Pentabromobiphenyl	N.D.	
Hexabromobiphenyl	N.D.	
Heptabromobiphenyl	N.D.	
Octabromobiphenyl	N.D.	
Nonabromobiphenyl	N.D.	
Decabromobiphenyl	N.D.	
Polybrominated Diphenyl Ethers(PBDEs)		
Monobromodiphenyl ether	N.D.	1000 mg/kg
Dibromodiphenyl ether	N.D.	
Tribromodiphenyl ether	N.D.	
Tetrabromodiphenyl ether	N.D.	
Pentabromodiphenyl ether	N.D.	
Hexabromodiphenyl ether	N.D.	
Heptabromodiphenyl ether	N.D.	
Octabromodiphenyl ether	N.D.	
Nonabromodiphenyl ether	N.D.	
Decabromodiphenyl ether	N.D.	

Tested Sample/Part Description Black plastic

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

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

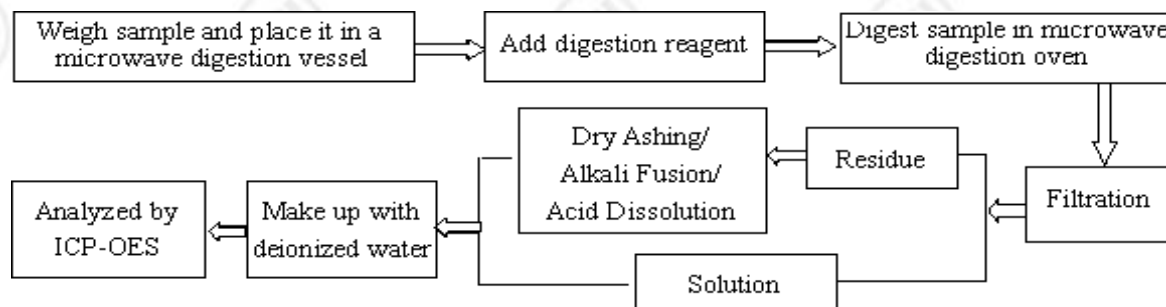
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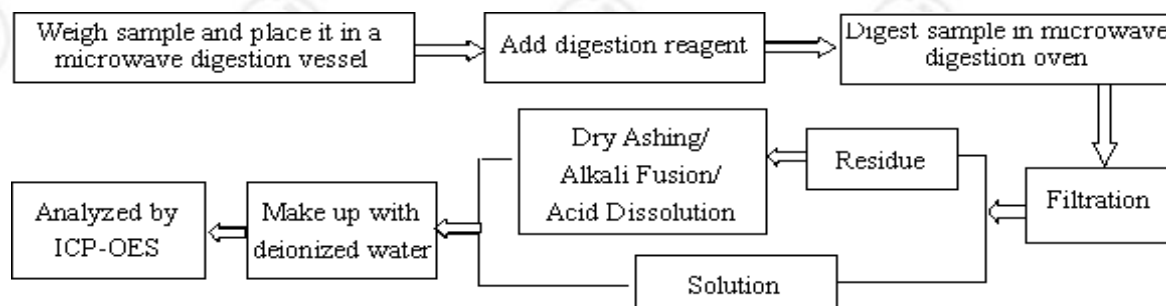
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Test Process

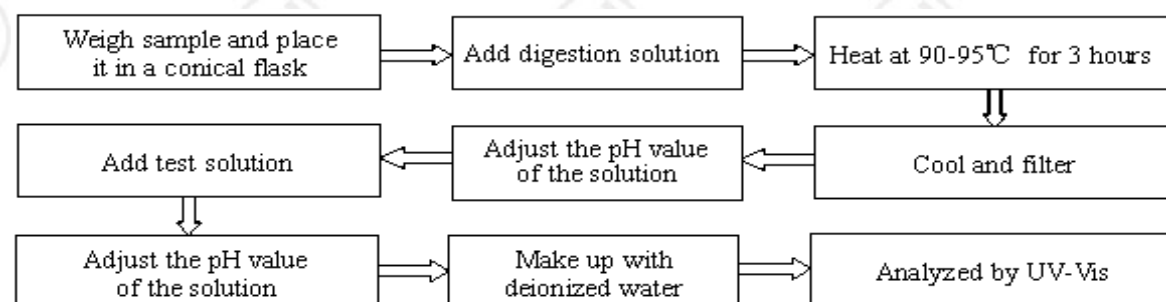
1. Lead(Pb), Cadmium(Cd)



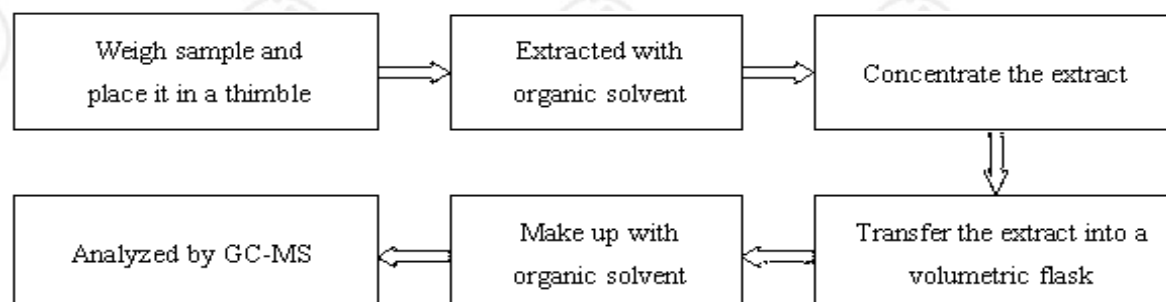
2. Mercury(Hg)



3. Hexavalent Chromium(Cr(VI))



4. Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs)



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Photo(s) of the sample(s)



*** End of report ***

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