

# Test Report

**Report No.** RHS01F018713002

Page 1 of 4

**Applicant** HENAN SHENMA HUAWEI PLASTIC ENGINEERING CO.,LTD  
**Address** THE CROSS OF XINHUA RD & BEIHUN RD PINGDINGSHAN CITY HENAN PROVINCE

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

Sample Name PA66  
Part No. 27GF  
Material PA66  
Sample Received Date Oct. 31, 2013  
Testing Period Oct. 31, 2013 to Nov. 4, 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)
Lead(Pb)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES
Cadmium(Cd)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES
Mercury(Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES
Hexavalent Chromium(Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis
Polybrominated Biphenyls(PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS
Polybrominated Diphenyl Ethers(PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS

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

Tested by Rick Lin

Reviewed by Vargan He



Danny Liu

Date Nov. 4, 2013

Danny Liu  
Technical Manager

No. 1012270290

Centre Testing International (Shenzhen) Co., Ltd. Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

# Test Report

**Report No.** RHS01F018713002

Page 2 of 4

**Test Result(s)**

Tested Item(s)	Result	MDL
Lead(Pb)	12 mg/kg	2 mg/kg
Cadmium (Cd)	N.D.	2 mg/kg
Mercury(Hg)	N.D.	2 mg/kg
Hexavalent Chromium(Cr(VI))	N.D.	2 mg/kg

Tested Item(s)	Result	MDL
<b>Polybrominated Biphenyls(PBBs)</b>		
Monobromobiphenyl	N.D.	5 mg/kg
Dibromobiphenyl	N.D.	5 mg/kg
Tribromobiphenyl	N.D.	5 mg/kg
Tetrabromobiphenyl	N.D.	5 mg/kg
Pentabromobiphenyl	N.D.	5 mg/kg
Hexabromobiphenyl	N.D.	5 mg/kg
Heptabromobiphenyl	N.D.	5 mg/kg
Octabromobiphenyl	N.D.	5 mg/kg
Nonabromobiphenyl	N.D.	5 mg/kg
Decabromobiphenyl	N.D.	5 mg/kg

Tested Item(s)	Result	MDL
<b>Polybrominated Diphenyl Ethers(PBDEs)</b>		
Monobromodiphenyl ether	N.D.	5 mg/kg
Dibromodiphenyl ether	N.D.	5 mg/kg
Tribromodiphenyl ether	N.D.	5 mg/kg
Tetrabromodiphenyl ether	N.D.	5 mg/kg
Pentabromodiphenyl ether	N.D.	5 mg/kg
Hexabromodiphenyl ether	N.D.	5 mg/kg
Heptabromodiphenyl ether	N.D.	5 mg/kg
Octabromodiphenyl ether	N.D.	5 mg/kg
Nonabromodiphenyl ether	N.D.	5 mg/kg
Decabromodiphenyl ether	N.D.	5 mg/kg

**Tested Sample/Part Description**      Gray-white plastic

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

-MDL = Method Detection Limit

-N.D. = Not Detected (&lt;MDL )

-mg/kg = ppm = parts per million

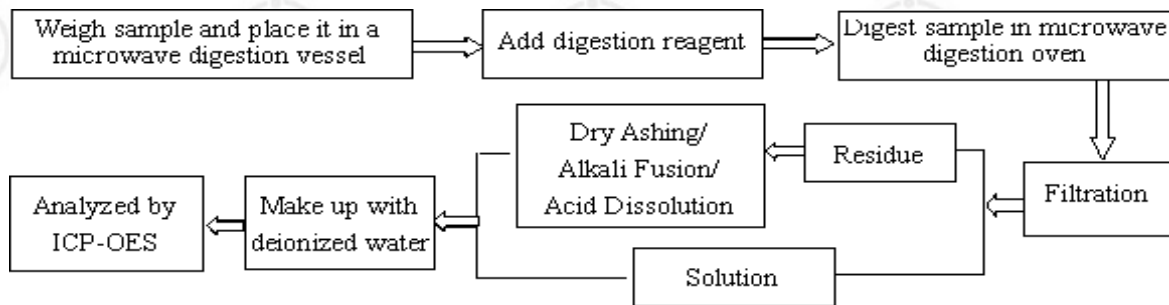
# Test Report

Report No. RHS01F018713002

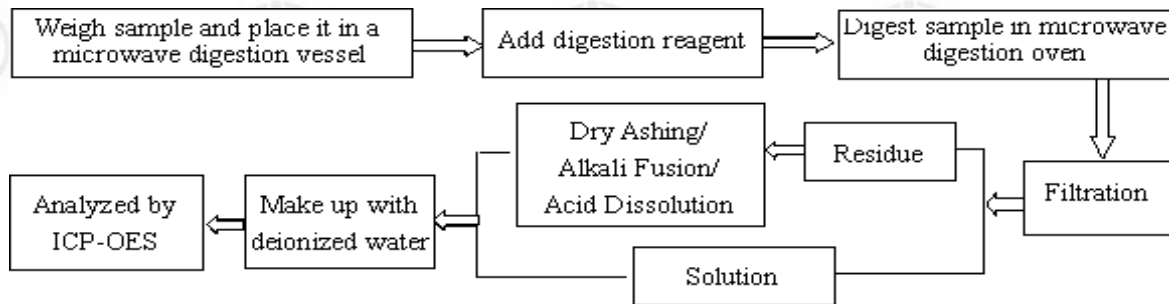
Page 3 of 4

## Test Process

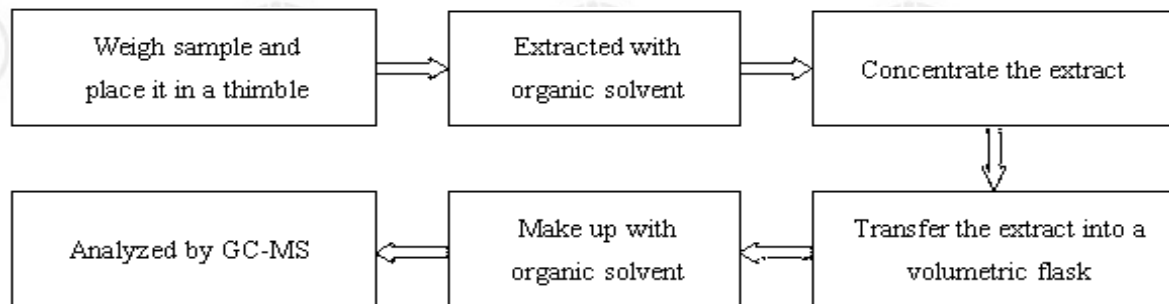
### 1. Lead(Pb), Cadmium(Cd)



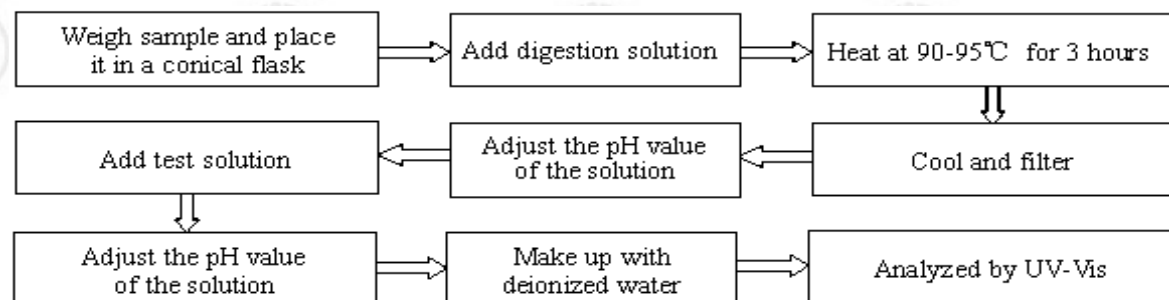
### 2. Mercury(Hg)



### 3. Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs)



### 4. Hexavalent Chromium(Cr(VI))



# Test Report

Report No. RHS01F018713002

Page 4 of 4

## Photo(s) of the sample(s)



\*\*\* End of report \*\*\*

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.