

## Test Report

No. SH9163010/CHEM

Date: Aug. 24, 2009

Page 1 of 4

SUMITOMO BAKELITE (SUZHOU) CO., LTD.  
140 JINJIHU ROAD, SUZHOU, INDUSTRIAL PARK, SUZHOU, CHINA 215021

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

Sample Name : EME-6300 TYPE H8L  
SGS Ref No. : 12107286-1

Sample Receiving Date : Aug.20, 2009  
Testing Period : Aug.20-24, 2009

Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : (1) With reference to IEC 62321:2008 (Section 8) for Cadmium content. Analysis was performed by ICP-OES.  
(2) With reference to IEC 62321:2008 (Section 8) for Lead content. Analysis was performed by ICP-OES.  
(3) With reference to IEC 62321:2008 (Section 7) for Mercury content. Analysis was performed by ICP-OES.  
(4) With reference to IEC 62321:2008 (ANNEX C) for Hexavalent Chromium by Colorimetric Method.  
Analysis was performed by UV/Vis Spectrophotometer.  
(5) With reference to IEC 62321:2008 (ANNEX A) for PBBs / PBDEs content.  
Analysis was performed by GC/MS.

Test Results : Please refer to next pages

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory



Sandy Hao  
Lab Manager

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Test results by chemical method (Unit: mg/kg)

Test Item(s):	Method (refer to)	1	MDL	RoHS Limit
Cadmium(Cd)	(1)	ND	2	100
Lead (Pb)	(2)	22	2	1000
Mercury (Hg)	(3)	ND	2	1000
Hexavalent Chromium (CrVI) by alkaline extraction	(4)	ND	2	1000
Sum of PBBs	(5)	ND	-	1000
Monobromobiphenyl		ND	5	-
Dibromobiphenyl		ND	5	-
Tribromobiphenyl		ND	5	-
Tetrabromobiphenyl		ND	5	-
Pentabromobiphenyl		ND	5	-
Hexabromobiphenyl		ND	5	-
Heptabromobiphenyl		ND	5	-
Octabromobiphenyl		ND	5	-
Nonabromobiphenyl		ND	5	-
Decabromobiphenyl		ND	5	-
Sum of PBDEs		ND	-	1000
Monobromodiphenyl ether		ND	5	-
Dibromodiphenyl ether		ND	5	-
Tribromodiphenyl ether		ND	5	-
Tetrabromodiphenyl ether		ND	5	-
Pentabromodiphenyl ether		ND	5	-
Hexabromodiphenyl ether		ND	5	-
Heptabromodiphenyl ether		ND	5	-
Octabromodiphenyl ether		ND	5	-
Nonabromodiphenyl ether	ND	5	-	
Decabromodiphenyl ether##	ND	5	-	

**Test Part Description:**

- Black solid powder

**Note:**

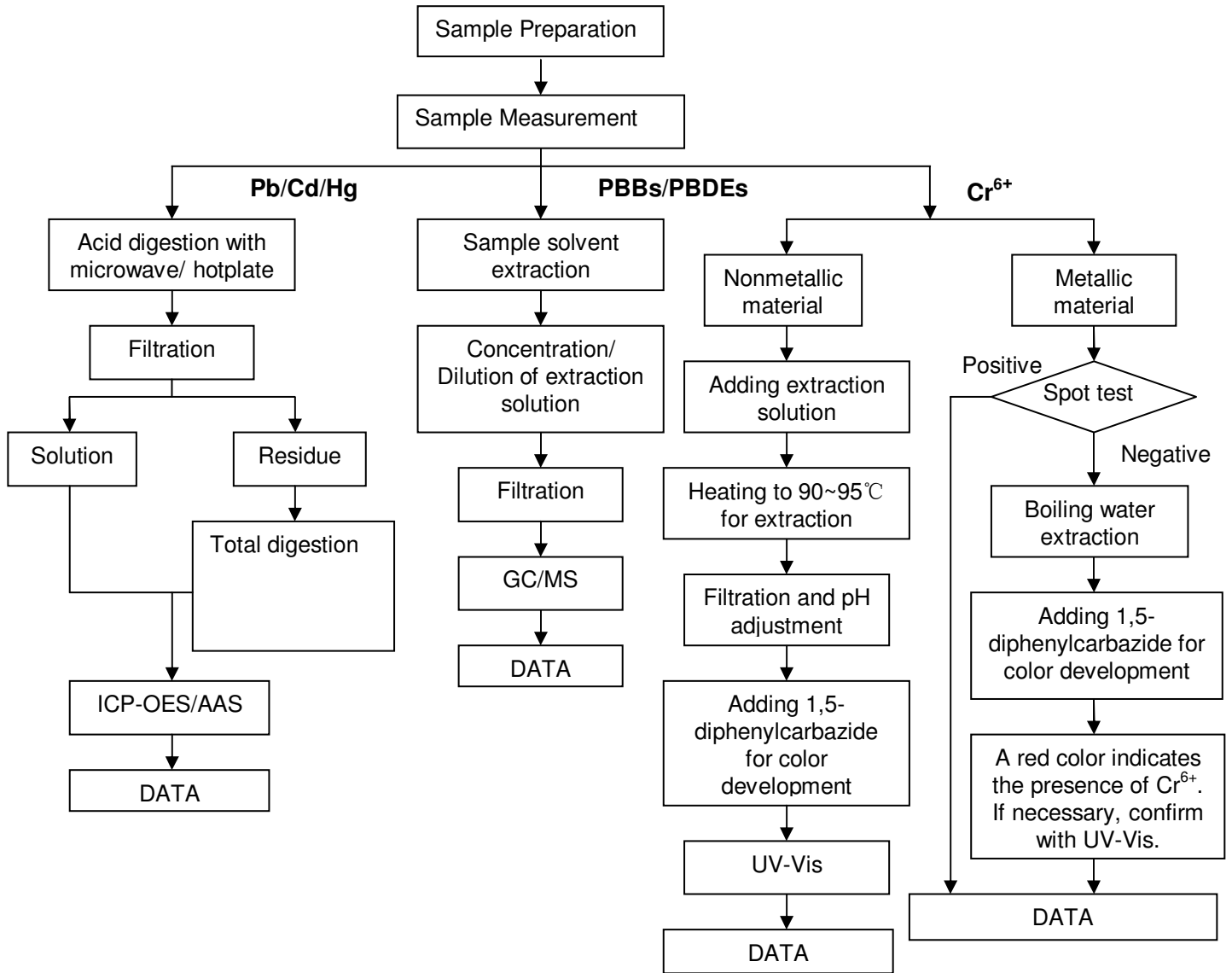
- mg/kg = ppm
- ND = Not Detected
- MDL = Method Detection Limit
- ##=The exemption of DecaBDE in polymeric application according 2005/717/EC was overruled by the European Court of Justice by its decision of 01.04.2008. Subsequently DecaBDE is included in the sum of PBDE after 01.07.2008.
- "-" = Not Regulated
- The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC

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**ATTACHMENTS**

- 1) Name of the person who made measurement: Jeff Zhang/Chaven Lian/Frank Fang/Elim Lin
- 2) Name of the person in charge of measurement: Terry Wang/Phoebe Shen
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr<sup>6+</sup> and PBBs/PBDEs test method excluded)



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Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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