ITW FORMEX
1701W ARMITAGE CT. ADDISON, ILLINOIS 60101 U.S.A

THIS REPORT IS TO SUPERSEDE TEST REPORT NO.SH8136174-2/CHEM DATE: 2008/11/04

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

Sample Name : FORMEX BK
SGS Ref No. : 11299420-3
Part No. : FORMEX BK

Sample Receiving Date : Sep.17, 2008
Testing Period : Sep.17 – 20, 2008

Test Requested : (1) In accordance with the RoHS Directive 2002/95/EC, and its amendment directives,
(2) To determine the PFOS (Perfluorooctane Sulfonates) and PFOA (Perfluorooctanoic Acid) content of the submitted samples.

Test Method : (1) With reference to IEC 62321/2nd CDV (111/95/CDV) Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products
(1-1) Determination of Cadmium by ICP.
(1-2) Determination of Lead by ICP.
(1-3) Determination of Mercury by ICP.
(1-4) Determination of Hexavalent Chromium by Colorimetric Method.
(1-5) Determination of PBBs and PBDEs by GC/MS.
(2) With reference to EPA 3550C: 2007.
Analysis was performed by High Performance Liquid Chromatograph-Mass Spectrometer (HPLC-MS).

Test Results : Please refer to next pages

Conclusion : (1) Based on the performed tests on submitted samples, the results comply with the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Sandy Hao

Sandy Hao
Lab Manager

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

(1) Cadmium, Lead, Mercury, Hexavalent Chromium and PBBs/PBBEs Content

Test Item(s):	Method (refer to)	1	MDL	RoHS Limit
Cadmium(Cd)	(1-1)	ND	2	100
Lead (Pb)	(1-2)	30	2	1000
Mercury (Hg)	(1-3)	ND	2	1000
Hexavalent Chromium (CrVI)	(1-4)	ND	2	1000
Sum of PBBs	(1-5)	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	-

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(2) PFOS (Perfluorooctane Sulfonates) and PFOA (Perfluorooctanoic Acid) content

Test Items	Test method (refer to)	1	MDL
Perfluorooctane Sulfonates (PFOS) PFOS – Acid PFOS – Metal Salt PFOS – Amide	(2)	ND	10
Perfluorooctyl Acid (PFOA)		ND	10

Remark: Reference Information: Directive 2006/122/EC

(i) May not be placed on the market or used as a substance or constituent of preparations in a concentration equal to or higher than 0,005 % by mass.

(ii) May not be placed on the market in semi-finished products or articles, or parts thereof, if the concentration of PFOS is equal to or higher than 0,1 % by mass calculated with reference to the mass of structurally or microstructurally distinct parts that contain PFOS or, for textiles or other coated materials, if the amount of PFOS is equal to or higher than 1 μ g /m^2 of the coated material.

Test Part Description:

1. Black plastic sheet

Note:

(1) mg/kg = ppm
(2) ND = Not Detected
(3) MDL = Method Detection Limit
(4) 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 will be included in the sum of PBDE after 01.07.2008.
(5) "-" = Not Regulated
(6) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC

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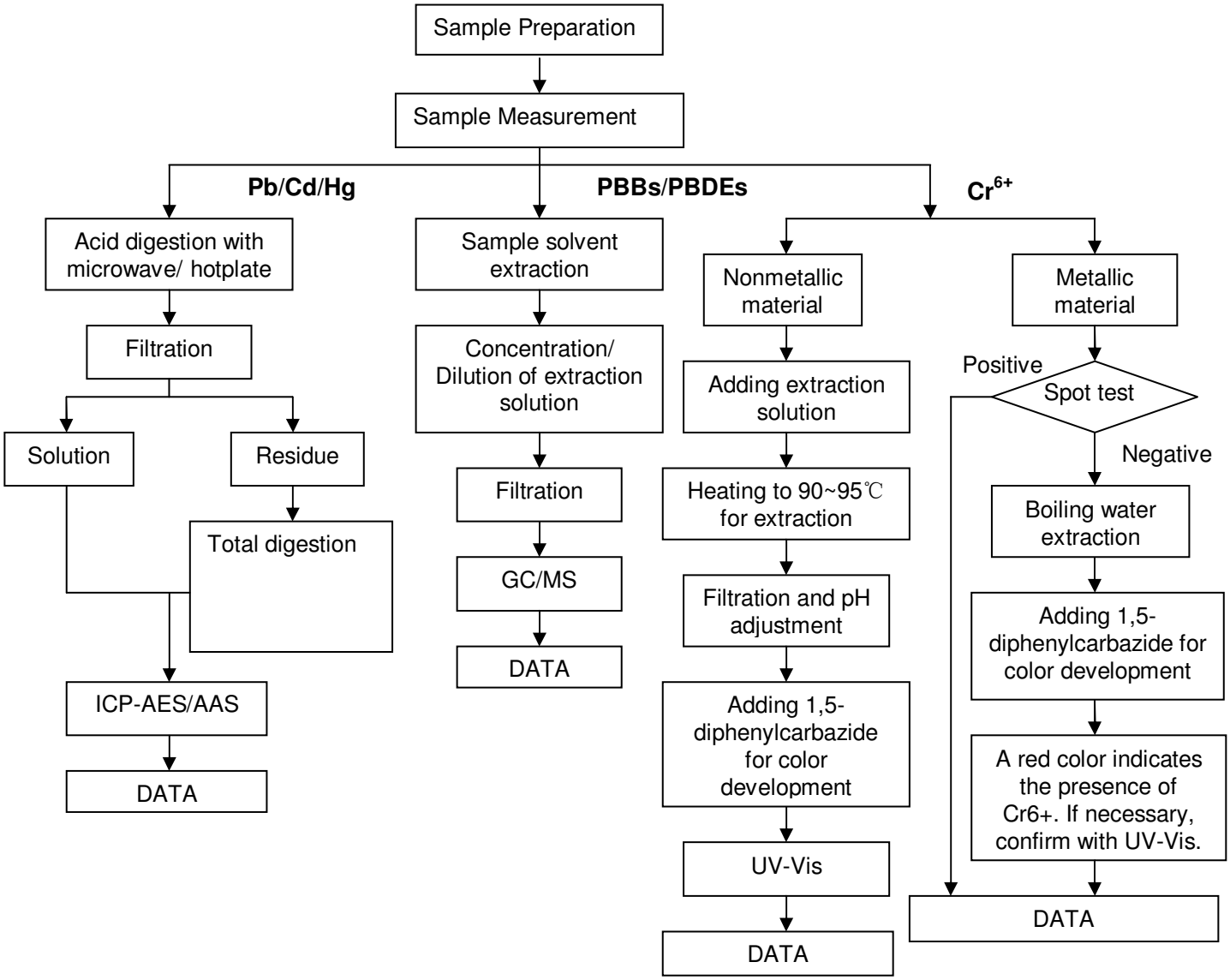
ATTACHMENTS

1) Name of the person who made measurement: Cathy Cai/George Xu/Diane Wang
2) Name of the person in charge of measurement: Terry Wang/Tracy Yue
3) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr6+ and PBBs/PBDEs test method excluded)



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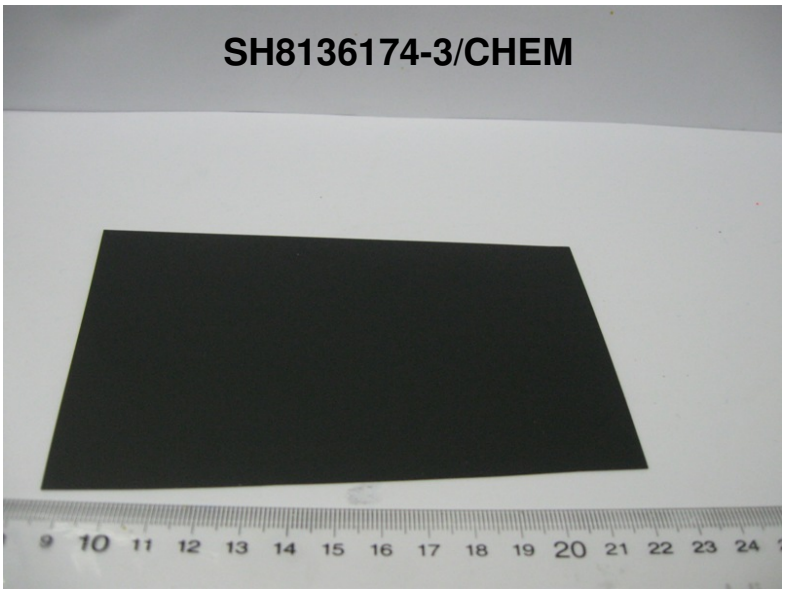
Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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