

Test Report No. 1955309

Date : 31-Jan-2011

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**Client : The Bergquist Company  
301 Washington St., Cannon Falls,  
Minnesota, 55009 U.S.A.**

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

Sample Description : Gap Filler(R) 1100SF  
Sample No. : 1983769  
Sample Condition : As per attached photograph  
Manufacturer/Vendor : The Bergquist Company  
Country of Origin : United States of America (USA)  
Country of Destination : United States of America (USA)  
Buyer's Name : Rick Stewart  
Sample Receiving Date : 18-Dec-2010  
Testing Period : 18-Dec-2010 to 31-Jan-2011

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

Test Method : (1) With reference to IEC 62321:2008 for Lead content, Analysis was performed by ICP-OES.  
(2) With reference to IEC 62321:2008 for Cadmium content, Analysis was performed by ICP-OES.  
(3) With reference to IEC 62321:2008 for Mercury content, Analysis was performed by ICP-OES.  
(4) With reference to IEC 62321:2008 for Hexavalent Chromium by Alkaline Digestion / Colorimetric Method, Analysis was performed by UV-Vis Spectrometry.  
(5) With reference to IEC 62321:2008 for PBB/PBDE content, Analysis was performed by GC/MS.

Test Results : Please refer to next page.

**Signed for and on behalf of  
SGS (Thailand) Limited**



**Pornpana Lirathpong  
Hardlines Testing Manager**

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**TEST RESULTS**

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

Test Item (s):	Method (Refer to)	Result (1)	MDL	RoHS Limit
Lead (Pb)	(1)	n.d.	2	1000
Cadmium (Cd)	(2)	n.d.	2	100
Mercury (Hg)	(3)	n.d.	2	1000
Hexavalent Chromium (CrVI) by Alkaline Digestion/Colorimetric Method	(4)	n.d.	2	1000
sum of PBBs	(5)	n.d.	-	1000
Monobromobiphenyl		n.d.	5	-
Dibromobiphenyl		n.d.	5	-
Tribromobiphenyl		n.d.	5	-
Tetrabromobiphenyl		n.d.	5	-
Pentabromobiphenyl		n.d.	5	-
Hexabromobiphenyl		n.d.	5	-
Heptabromobiphenyl		n.d.	5	-
Octabromobiphenyl		n.d.	5	-
Nonabromobiphenyl		n.d.	5	-
Decabromobiphenyl		n.d.	5	-

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**TEST RESULTS**

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

Test Item (s):	Method (Refer to)	Result (1)	MDL	RoHS Limit
Sum of PBDEs	(5)	n.d.	-	1000
Monobromodiphenyl ether		n.d.	5	-
Dibromodiphenyl ether		n.d.	5	-
Tribromodiphenyl ether		n.d.	5	-
Tetrabromodiphenyl ether		n.d.	5	-
Pentabromodiphenyl ether		n.d.	5	-
Hexabromodiphenyl ether		n.d.	5	-
Heptabromodiphenyl ether		n.d.	5	-
Octabromodiphenyl ether		n.d.	5	-
Nonabromodiphenyl ether		n.d.	5	-
Decabromodiphenyl ether		n.d.	5	-

Test Part Description

Result (1) mixing ratio pink (Gap Filler(R) 1100SF) + yellow (Gap Filler(R) 1100SF) = 1:1 by weight

Note :

- (a) mg/kg = ppm ; 0.1 wt% = 1000 ppm
- (b) The results shown are based on the total weight of wet sample
- (c) n.d. = Not Detected
- (d) MDL = Method Detection Limit
- (e) The exemption of DecaBDE in polymeric application according 2005/17/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
- (f) "-" = Not regulated
- (g) Test was conducted on composite sample as per client's request and the test result is the overall result of a composite sample. Therefore, no reference can be made to the result of each component in the composite sample.

The composite result indicated that submitted samples may have the probability of one or more components exceeding the requirement, it is recommended to test on individual basis.

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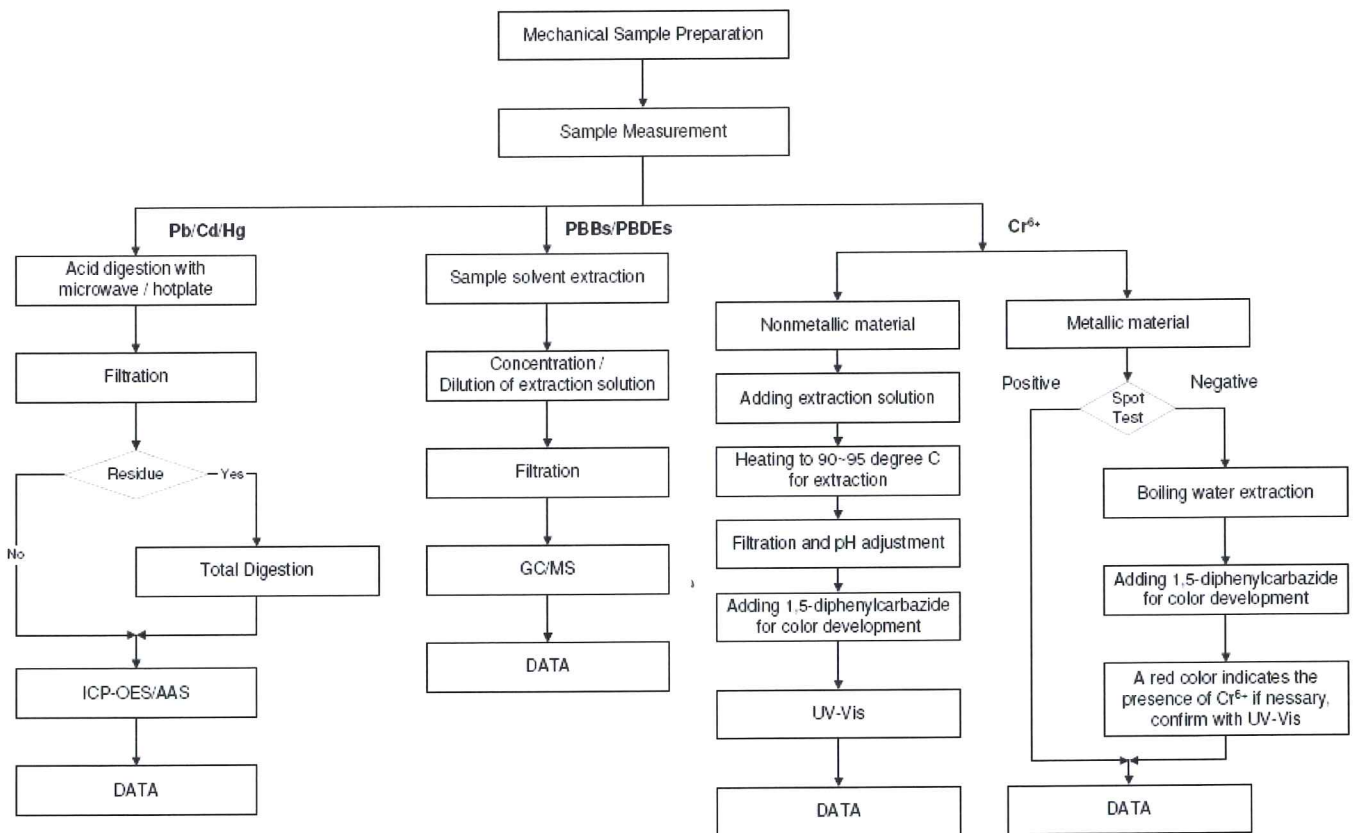
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Flow Chart for RoHS : Pb/Cd/Hg/Cr<sup>6+</sup>/PBBs/PBDEs Testing

1. Operator : Siam Polarwut
2. Section Chief : Laddawan Uranpitr
3. The sample was dissolved totally by pre-conditioning method according to below flowchart. (Cr<sup>6+</sup> and PBBs/PBDEs test method excluded)



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**SAMPLE/ATTACHMENT PICTURE**



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

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