

**Client : Wonderful Plastic Limited Partnership
259 Moo 12, T.Klongdan,
A.Bangbor Samutprakarn 10550 Thailand**

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

Sample Description : Poly HDPE-Bag
Sample No. : 1795419
Sample Condition : As per attached photograph
Sample Receiving Date : 24-Dec-2009
Testing Period : 24-Dec-2009 to 29-Dec-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 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.

CONCLUSION

Based on the performed tests on submitted samples, the result comply with the RoHS Directive 2002/95/EC and its subsequent amendments.

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



**Pornpana Lirathpong
Hardlines Testing Manager**

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) translucent plastic bag

Note :

(a) mg/kg = ppm ; 0.1 wt% = 1000 ppm

(b) The results shown are based on the total weight of dry 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

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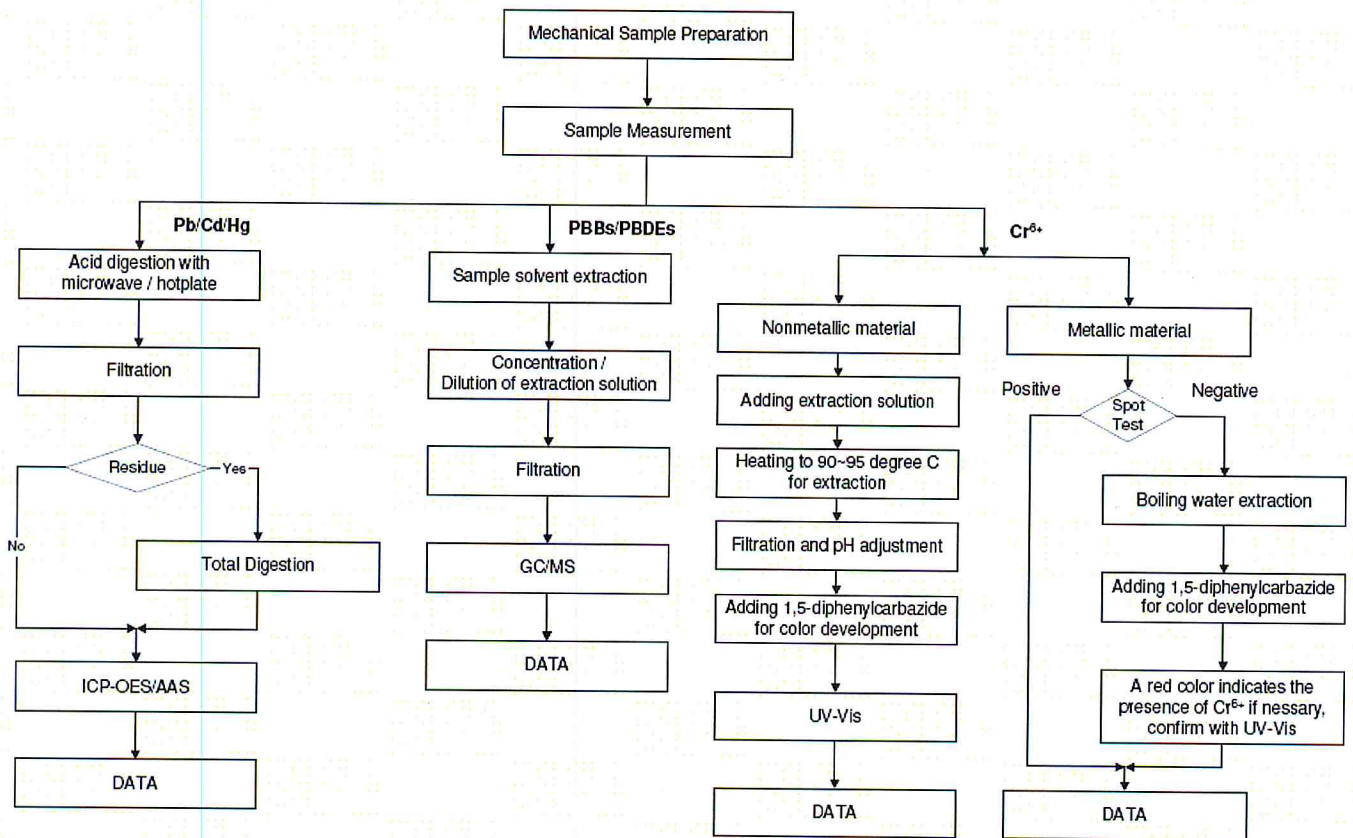
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Flow Chart for RoHS : Pb/Cd/Hg/Cr⁶⁺/PBBs/PBDEs Testing

- 1. Operator : Wanwisa Seakew
- 2. Section Chief : Laddawan Uranpitr
- 3. The sample was dissolved totally by pre-conditioning method according to below flowchart. (Cr⁶⁺ and PBBs/PBDEs test method excluded)



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SAMPLE/ATTACHMENT PICTURE



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

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