

Test Report

No. : CE/2012/93776

Date : 2012/10/01

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SABIC INNOVATIVE PLASTICS TAIWAN HOLDING LIMITED, TAIWAN BRANCH (HONG KONG)
ROOM B, 7F, NO. 8, MIN SHENG E. RD. SEC. 3, TAIPEI CITY 10480, TAIWAN

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

Sample Description : PC SHEET
Style/Item No. : LEXAN* 2500
Sample May Cover : LEXAN* F2500 OR OTHER LEXAN* SHEET WITH SAME RESIN FORMULATION
AS THE GRADE LISTED - IN DIFFERENT THICKNESS, MASKING SETTING
AND SURFACE TEXTURE
Main Substance : POLYCARBONATE
LEXAN* IS A TRADEMARK OF SABIC INNOVATIVE PLASTICS
Sample Receiving Date : 2012/09/20
Testing Period : 2012/09/20 TO 2012/10/01

Test Requested : As specified by client, with reference to RoHS Directive 2011/65/EU Annex II to
determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs contents in the
submitted sample.
Test Method : With reference to IEC 62321: 2008.
Test Result(s) : Please refer to next page(s).


Chenyu Kung / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory – Taipei

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Test Result(s)

PART NAME No.1 : TRANSPARENT SHEET (EXCLUDING THE RELEASE FILM)

Test Item(s)	Unit	Method	MDL	Result No.1
Cadmium (Cd)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Lead (Pb)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Mercury (Hg)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Hexavalent Chromium Cr(VI)	mg/kg	With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.
Sum of PBBs	mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.
Monobromobiphenyl			5	n.d.
Dibromobiphenyl			5	n.d.
Tribromobiphenyl			5	n.d.
Tetrabromobiphenyl			5	n.d.
Pentabromobiphenyl			5	n.d.
Hexabromobiphenyl			5	n.d.
Heptabromobiphenyl			5	n.d.
Octabromobiphenyl			5	n.d.
Nonabromobiphenyl			5	n.d.
Decabromobiphenyl			5	n.d.
Sum of PBDEs			-	n.d.
Monobromodiphenyl ether			5	n.d.
Dibromodiphenyl ether			5	n.d.
Tribromodiphenyl ether			5	n.d.
Tetrabromodiphenyl ether			5	n.d.
Pentabromodiphenyl ether			5	n.d.
Hexabromodiphenyl ether			5	n.d.
Heptabromodiphenyl ether			5	n.d.
Octabromodiphenyl ether			5	n.d.
Nonabromodiphenyl ether			5	n.d.
Decabromodiphenyl ether			5	n.d.

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Note :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. " - " = Not Regulated

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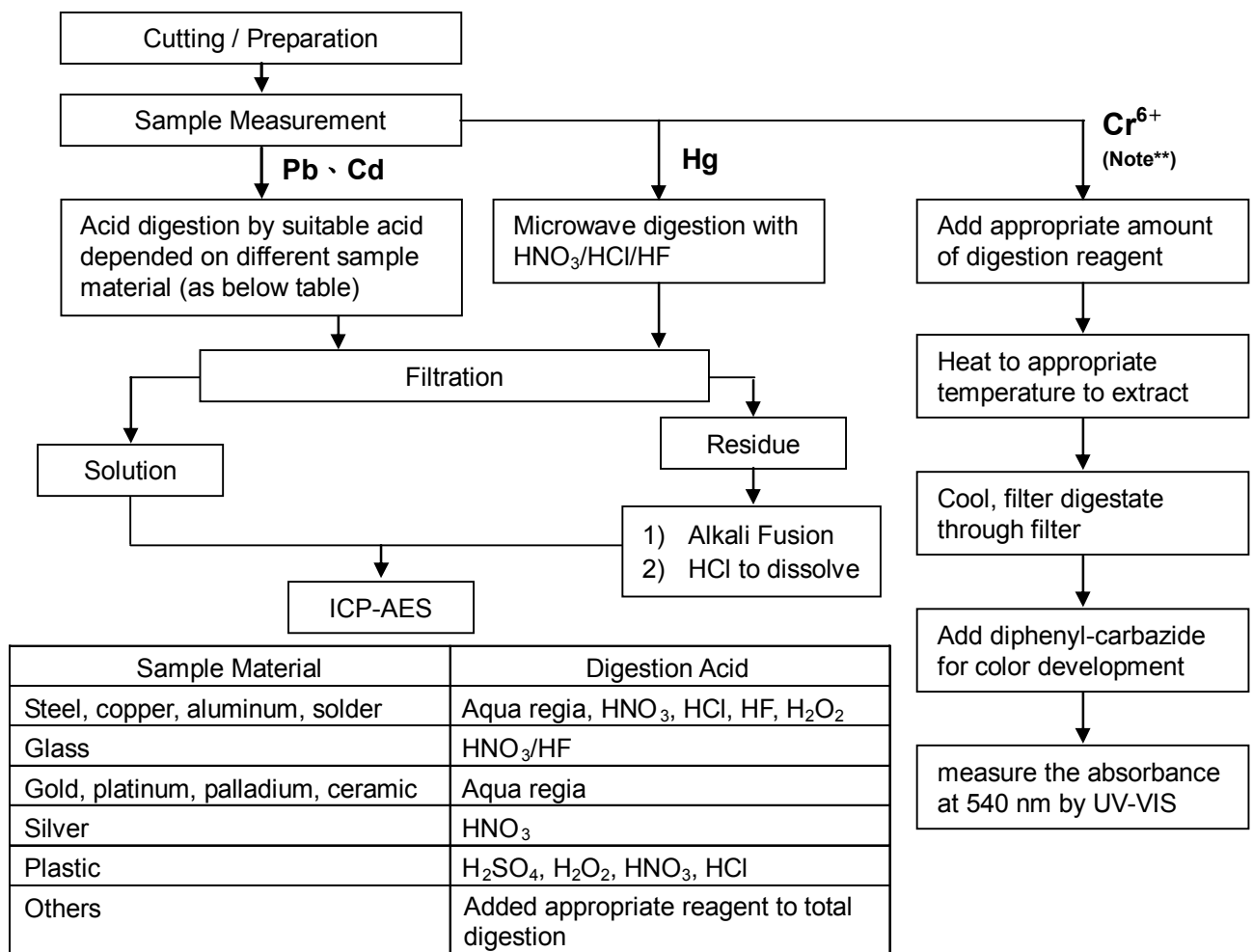
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- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
(Cr⁶⁺ test method excluded)
- 2) Name of the person who made measurement: Climbgreat Yang
- 3) Name of the person in charge of measurement: Troy Chang



Note :** (1) For non-metallic material, add alkaline digestion reagent and heat to 90~95 °C.
(2) For metallic material, add pure water and heat to boiling.

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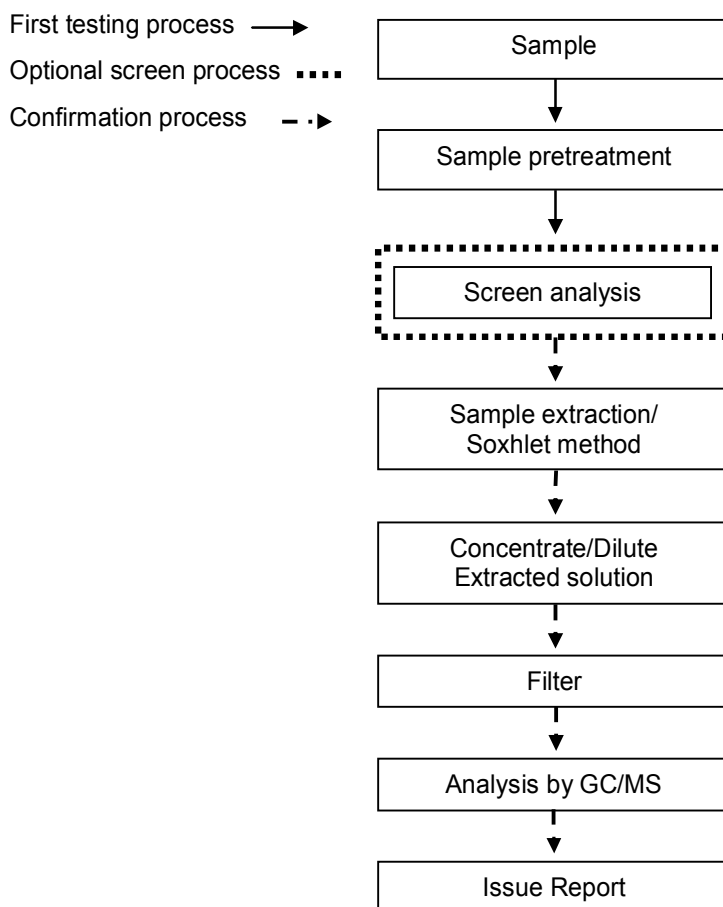
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PBB/PBDE analytical FLOW CHART

- Name of the person who made measurement: Roman Wong
- Name of the person in charge of measurement: Troy Chang



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* The tested sample / part is marked by an arrow if it's shown on the photo. *

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SGSE12937760101

** End of Report **

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