

Test Report No. F690101/LF-CTSAYAA16-04322

Issued Date : 2016. 01. 25

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KOREA ENGINEERING PLASTICS (PYEONGTAEK)

402 Chupal-ri, Paengseong-eup
Pyeongtaek-si, Gyeonggi-do
Korea

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

SGS File No. : AYAA16-04322

Product Name : KEPAMID

Item No./Part No. : N/A

Client Reference Data : 1310GSU S04198-JB, 1315GF UGY, 1315GFU BK-L43, 1315GFU GY-LG, 1315GFU S01490, 1320GFU N04228, 1330GF BG-CS, 1330GF GY05-KS, 1330GF GY07, 1330GF N04299-TTX, 1330GF NCG116-D, 1330GF S04265-TRY, 1335GF GY, 1350GF WH02, 1350GF WHITE, 1533GFU N04026, 1533GFU N04189, 1533GFU NCG119, 1533GFU S04198-JB, 1535GFS B22022, 1535GFS W00321, 1545GF DGY, 1905GSR W0C

Received Date : 2016. 01. 20

Test Period : 2016. 01. 20 to 2016. 01. 25

Report Comments : By the applicant's request, item No.s/part No.s & client reference information are stated/added on report.

Test Results : For further details, please refer to following page(s)

SGS Korea Co., Ltd.



Jeff Jang / Chemical Lab Mgr

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Sample No. : AYAA16-04322.001

Sample Description : KEPAMID

Item No./Part No. : N/A

Materials : N/A

Heavy Metals

Test Items	Unit	Test Method	MDL	Results
Cadmium (Cd)	mg/kg	With reference to US EPA 3051, US EPA 6010B(1996), ICP	0.5	N.D.
Mercury (Hg)	mg/kg	With reference to US EPA 3051, US EPA 6010B(1996), ICP	2	N.D.
Lead (Pb)	mg/kg	With reference to US EPA 3051, US EPA 6010B(1996), ICP	5	N.D.
Hexavalent Chromium (Cr VI)	mg/kg	With reference to US EPA 3060A(1996), US EPA 7196A(1992), UV	1	N.D.

Flame Retardants-PBBs/PBDEs

Test Items	Unit	Test Method	MDL	Results
Monobromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Dibromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tribromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tetrabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Pentabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Hexabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Heptabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Octabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Nonabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Decabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Monobromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Dibromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tribromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tetrabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Pentabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Hexabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Heptabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Octabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Nonabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.

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Sample No. : AYAA16-04322.001

Sample Description : KEPAMID

Item No./Part No. : N/A

Materials : N/A

Flame Retardants-PBBS/PBDEs

Test Items	Unit	Test Method	MDL	Results
Decabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.

NOTE: (1) N.D. = Not detected.(<MDL)

(2) mg/kg = ppm

(3) MDL = Method Detection Limit

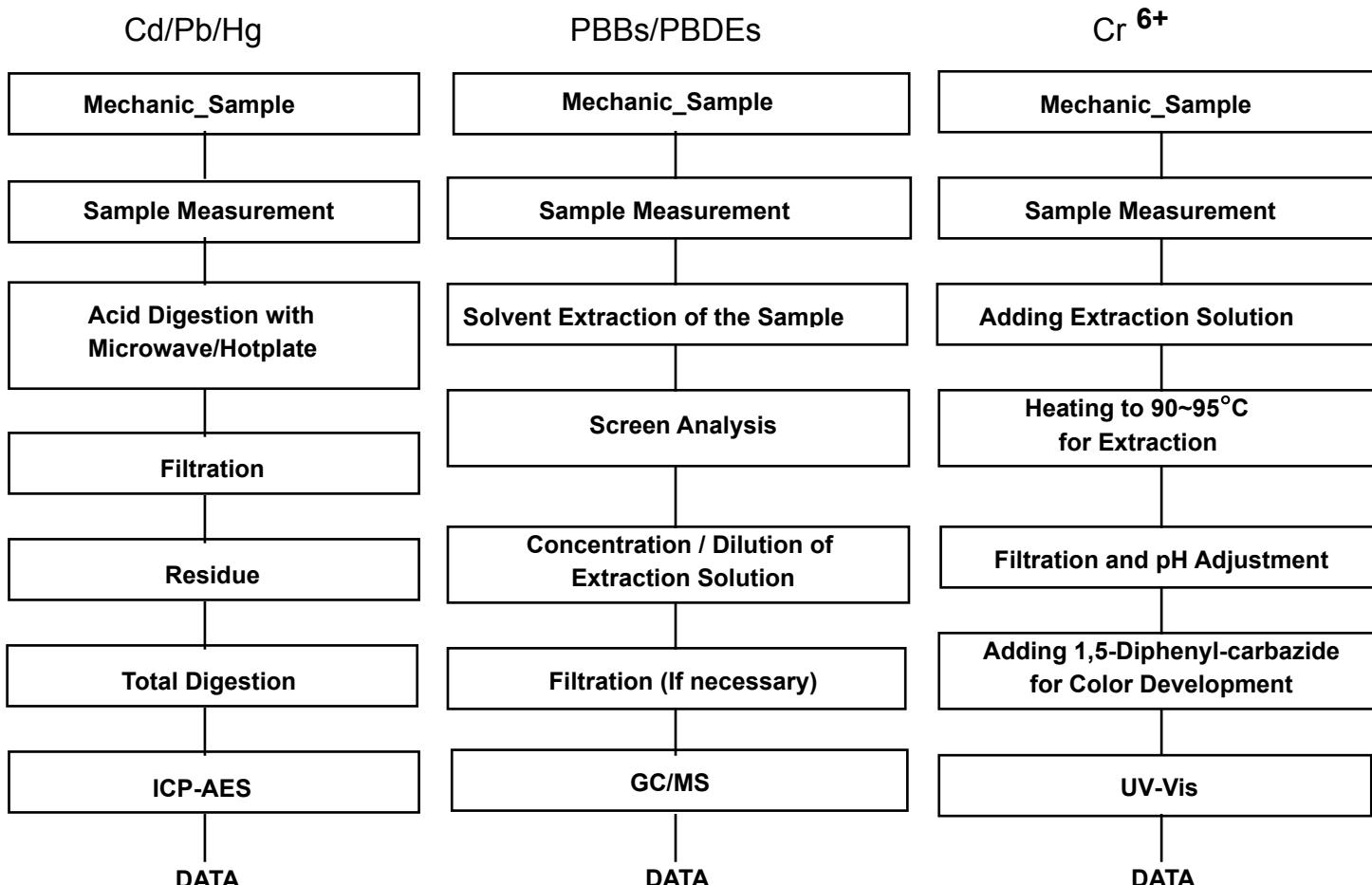
(4) - = No regulation

(5) ** = Qualitative analysis (No Unit)

(6) Negative = Undetectable / Positive = Detectable



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


The samples were dissolved totally by pre-conditioning method according to above flow chart for Cd,Pb,Hg.

Section Chief : Gilsae Yi

*** End of Report ***

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