



Test Report No. F690101/LF-CTSAYAA16-04334

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. : AYAA16-04334

Product Name : KEPEX

Item No./Part No. : N/A

Client Reference Data : 3310GF Black, 3310GF NT, 3315GF NT02, 3315GF NT03, 3320GF BK02, 3320GF Black, 3320GF NT, 3330GF Black, 3330GF NT, 3330GFA Black, 3330GFA NT, 3715GF BK04, 3720GFS Black, 3730GF Black, 3730GF NT, 3740GFU Black, 3750GF Black, 3750GF NT, 3750GF-H BK05, 3930GAS Black, 3930GF BK02, 3930GF Black, 3930GFU Black, 4336GF NT, 4345GF Black, K330GF Black

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. : AYAA16-04334.001
Sample Description : KEPEX
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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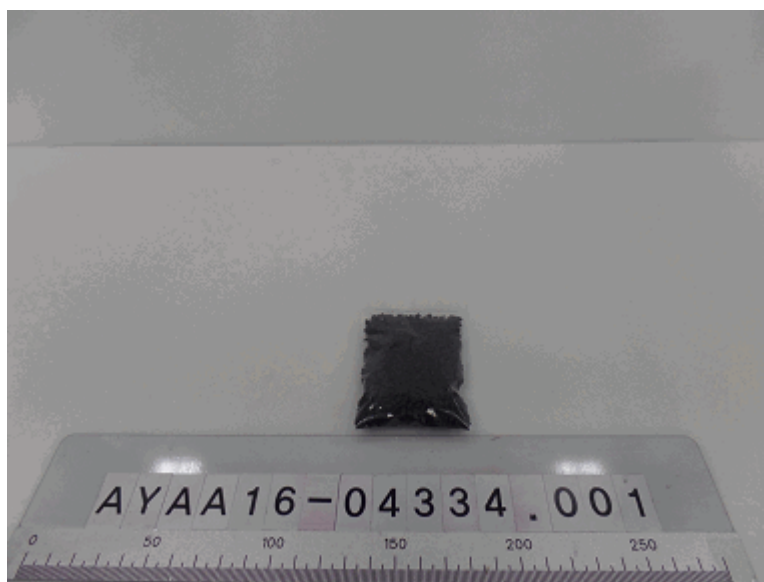
Sample No. : AYAA16-04334.001
Sample Description : KEPEX
Item No./Part No. : N/A
Materials : N/A

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

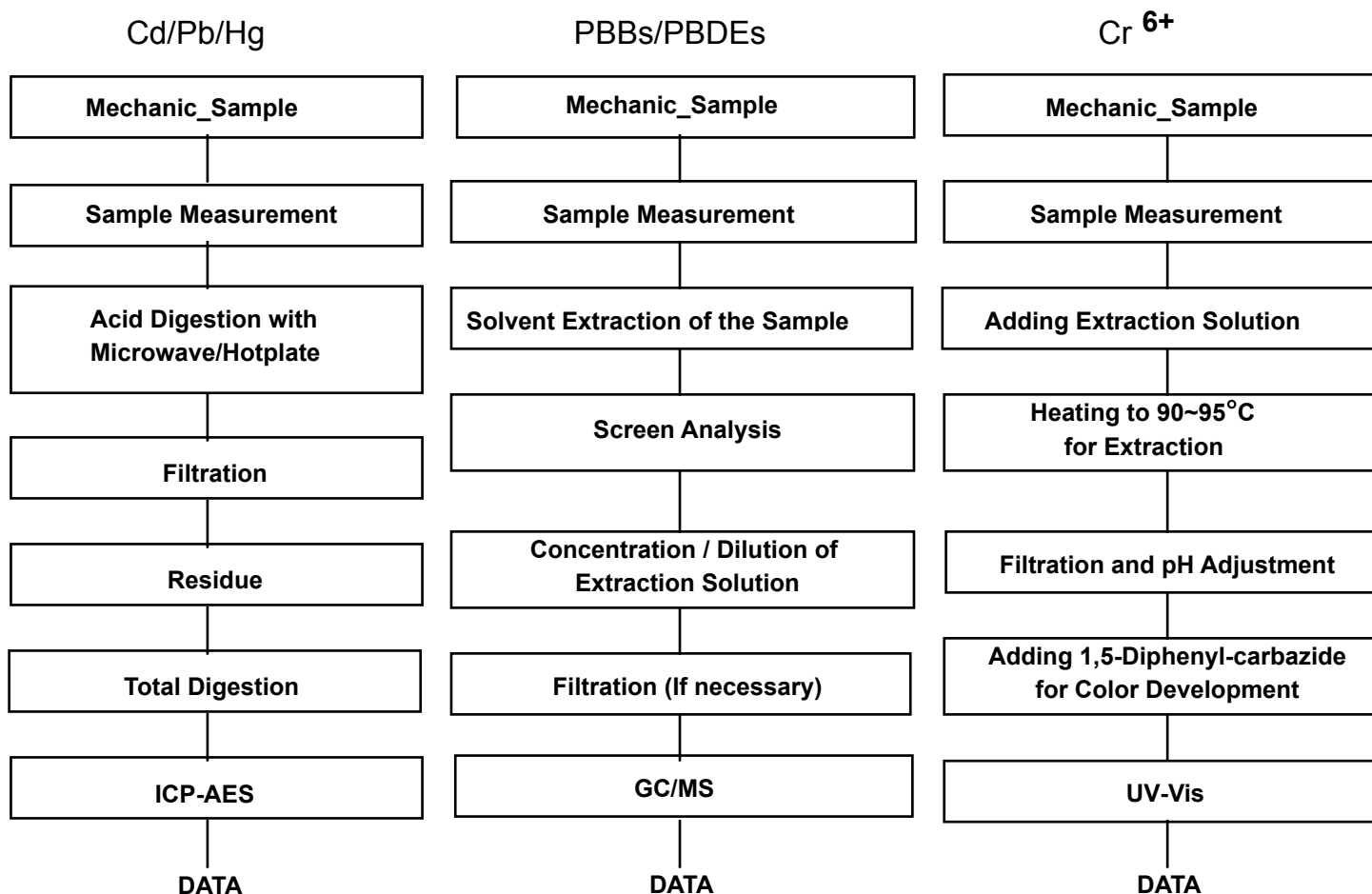
Picture of Sample as Received:



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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 ***