



Test Report No. F690101/LF-CTSAYAA19-16199

Issued Date : 2019. 03. 13

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SHINWOO P&C CO., LTD.

282 Hagui-ro, Dongan-gu
Anyang-si, Gyeonggi-do
Korea



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

SGS File No. : AYAA19-16199
Product Name : FORTRON
Item No./Part No. : BLACK
Client Reference Data : 4665B6,6165A4,6165A6,1140L4,1140L6,1141L4,6150T6,0320CO,0203P6,ICE504L
Buyer(s) : SAMSUNG,LG
Received Date : 2019. 03. 06
Test Period : 2019. 03. 06 to 2019. 03. 13
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. : AYAA19-16199.001
Sample Description : FORTRON
Item No./Part No. : BLACK
Materials : PPS_BLACK

Heavy Metals

Test Items	Unit	Test Method	MDL	Results
Antimony (Sb)	mg/kg	With reference to EPA 3052(1996), US EPA 6010B(1996), ICP	10	N.D.
Beryllium (Be)	mg/kg	With reference to EPA 3052(1996), US EPA 6010B(1996), ICP	5	N.D.

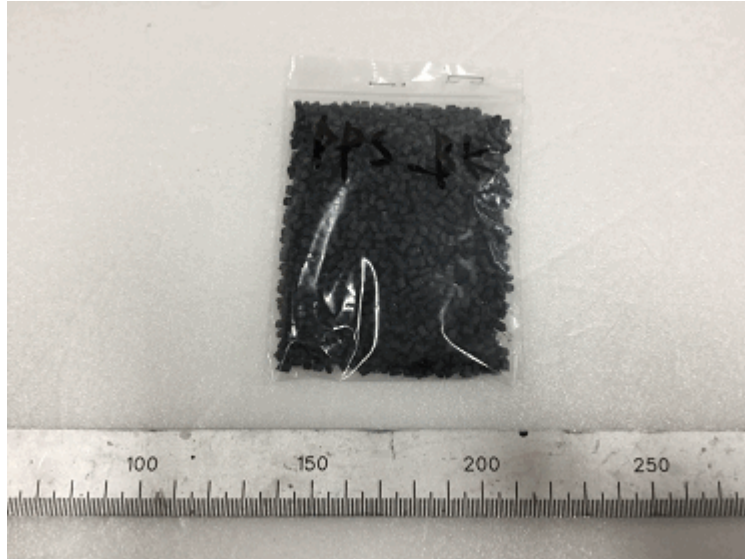
Other(s)

Test Items	Unit	Test Method	MDL	Results
PFOA (Perfluorooctanoic acid)	mg/kg	US EPA 3540C/3550C, LC/MS	1	N.D.
PFOS (Perfluorooctane Sulfonates-Acid/Metal Salt/Amide)	mg/kg	US EPA 3540C/3550C, LC/MS	1	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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Picture of Sample as Received:



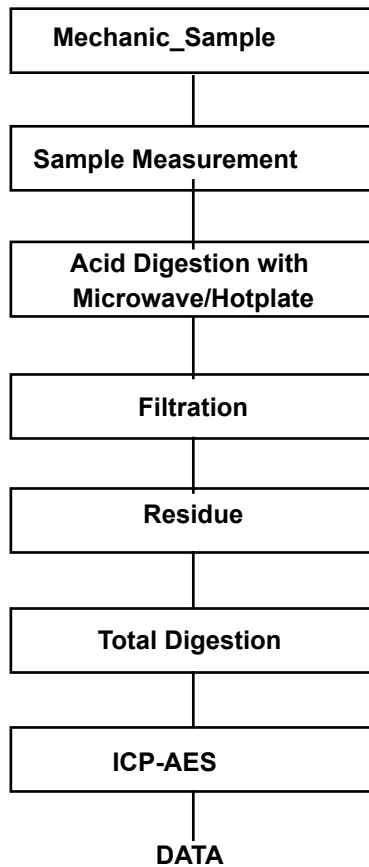
AYAA19-16199.001

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Flow Chart for Inorganic Elements Testing

Inorganic Elements



Major Inorganic Heavy Metals	Antimony(Sb) , Beryllium(Be) , Phosphorus(P) , Arsenic(As) etc.
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*** End of Report ***

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