

Test Report

No. NGBHG2103057901

Date: 30 Jun 2021

Page 1 of 8

GUANGZHOU MOXUAN ELECTRONIC TECHNOLOGY CO., LTD
ROOM 226, NO 1331, NANZHOU ROAD, HAIZHU DISTRICT, GUANGZHOU, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : TOUGHENED GLASS PROTECTIVE FILM

SGS Job No. : NBHL2106009420SD - NB
Manufacturer : GUANGZHOU MOXUAN ELECTRONIC TECHNOLOGY CO.,LTD
Country of Origin : CHINA
Colour : TRANSPARENT
Date of Sample Received : 23 Jun 2021
Testing Period : 23 Jun 2021 - 30 Jun 2021
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
Elemental analysis, Hexavalent Chromium(Cr(VI)), Flame Retardants & Phthalates	See Results

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

Tony Li

Tony Li
Approved Signatory

scan to see the report



NGBHG2103057901



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Ningbo Branch Chemical Laboratory

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Test Report

No. NGBHG2103057901

Date: 30 Jun 2021

Page 2 of 8

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	NGB21-030579.001	Transparent toughened glass protective film

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Elemental analysis, Hexavalent Chromium(Cr(VI)), Flame Retardants & Phthalates

Test Method : With reference to IEC 62321-4:2013+AMD1:2017, IEC62321-5:2013, IEC62321-7-2:2017, IEC 62321-6:2015 and IEC62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

Test Item(s)	Unit	MDL	001
Cadmium (Cd)	mg/kg	2	ND
Lead (Pb)	mg/kg	2	ND
Mercury (Hg)	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	mg/kg	8	ND
Sum of PBBs	mg/kg	-	ND
Monobromobiphenyl	mg/kg	5	ND
Dibromobiphenyl	mg/kg	5	ND
Tribromobiphenyl	mg/kg	5	ND
Tetrabromobiphenyl	mg/kg	5	ND
Pentabromobiphenyl	mg/kg	5	ND
Hexabromobiphenyl	mg/kg	5	ND
Heptabromobiphenyl	mg/kg	5	ND
Octabromobiphenyl	mg/kg	5	ND
Nonabromobiphenyl	mg/kg	5	ND
Decabromobiphenyl	mg/kg	5	ND
Sum of PBDEs	mg/kg	-	ND
Monobromodiphenyl ether	mg/kg	5	ND
Dibromodiphenyl ether	mg/kg	5	ND
Tribromodiphenyl ether	mg/kg	5	ND
Tetrabromodiphenyl ether	mg/kg	5	ND
Pentabromodiphenyl ether	mg/kg	5	ND
Hexabromodiphenyl ether	mg/kg	5	ND
Heptabromodiphenyl ether	mg/kg	5	ND



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Test Report

No. NGBHG2103057901

Date: 30 Jun 2021

Page 3 of 8

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Octabromodiphenyl ether	mg/kg	5	ND
Nonabromodiphenyl ether	mg/kg	5	ND
Decabromodiphenyl ether	mg/kg	5	ND
Di-butyl Phthalate (DBP)	mg/kg	50	ND
Benzyl Butyl Phthalate (BBP)	mg/kg	50	ND
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	ND
Diisobutyl Phthalates (DIBP)	mg/kg	50	ND



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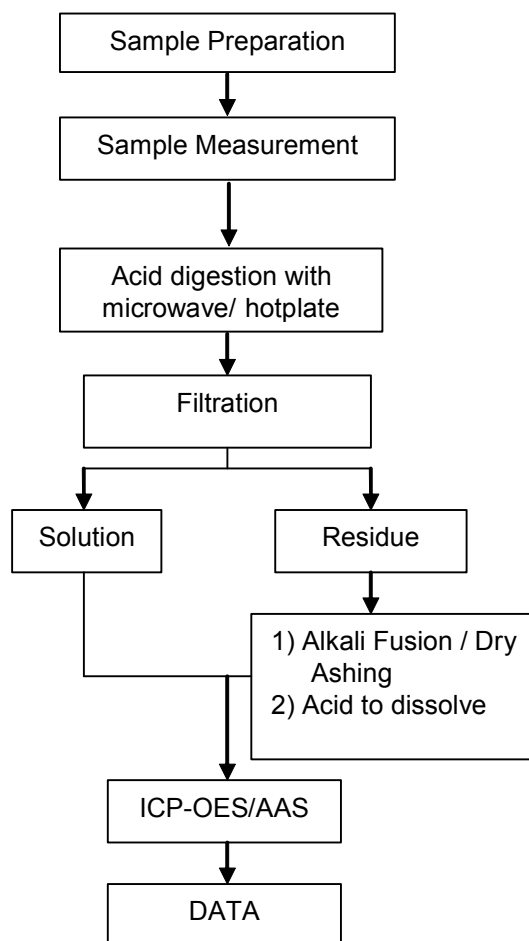
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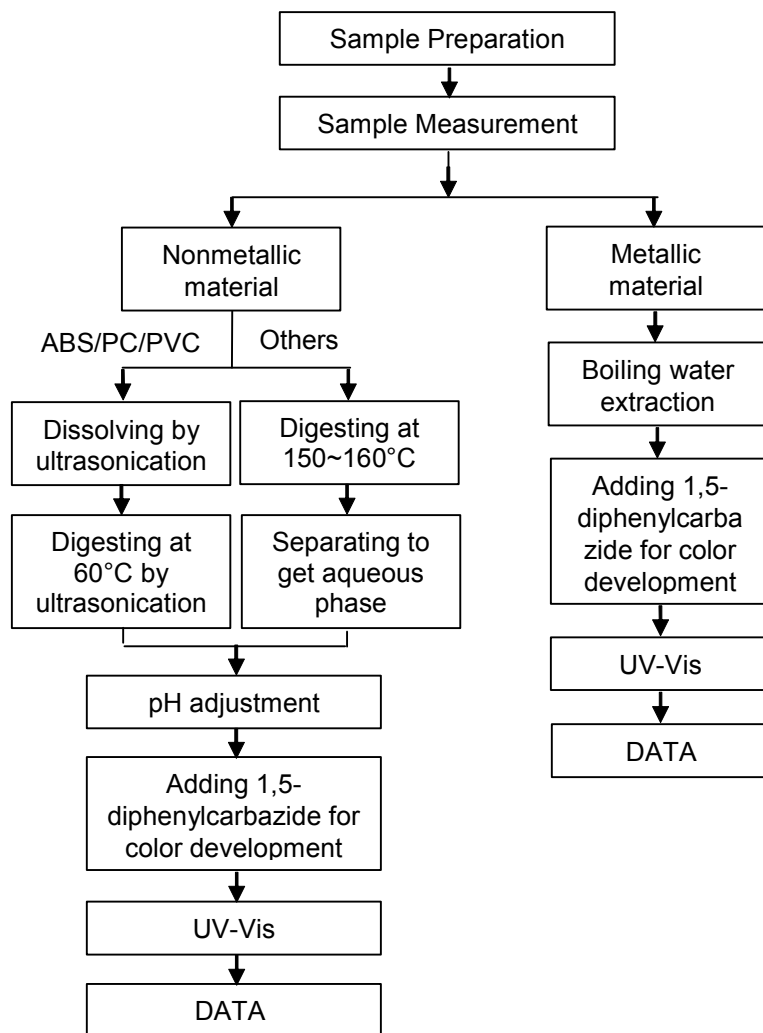
Elements (IEC62321) Testing Flow Chart

1) These samples were dissolved totally by pre-conditioning method according to below flow chart.



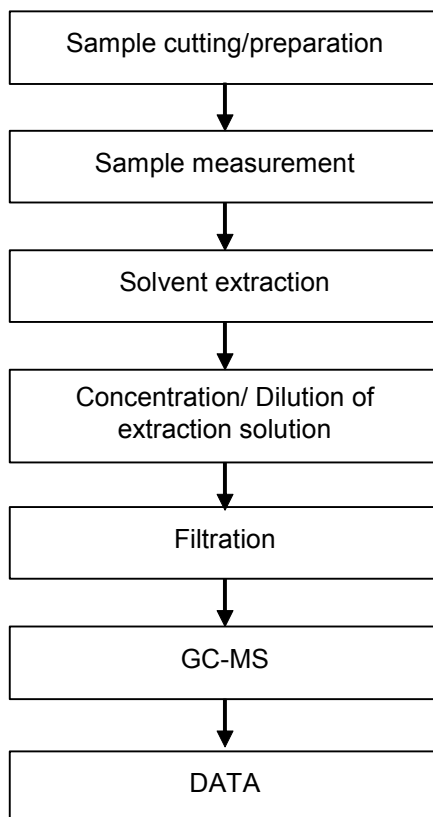
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Hexavalent Chromium (Cr(VI)) Testing Flow Chart



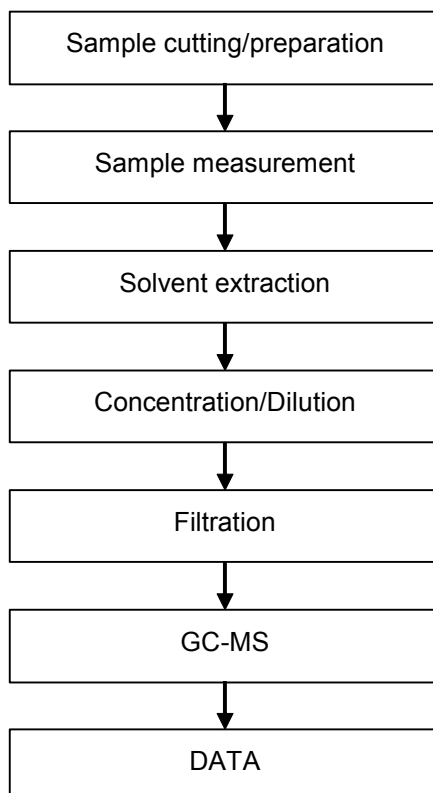
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PBBs/PBDEs Testing Flow Chart



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Phthalates Testing Flow Chart



Test Report

No. NGBHG2103057901

Date: 30 Jun 2021

Page 8 of 8

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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