

Test Report

Report No.: TS23020099R1



Verify authenticity

Applicant **BEŞLER TEKSTİL SAN. VE TİC. A.Ş.**

Address **ORGANİZE SANAYİ BÖLGESİ 39. CADDE
NO:5 KAYSERİ TÜRKİYE**

Report Date **2023-04-06**

Hangzhou C&K Testing Technic Co., Ltd.



Test Report

| | |
|-----------------------------|---|
| Applicant | BEŞLER TEKSTİL SAN. VE TİC. A.Ş. |
| Address | ORGANİZE SANAYİ BÖLGESİ 39. CADDE NO:5 KAYSERİ TÜRKİYE |
| Sample Name | GLASSFIBER |
| Type/ Model | / |
| Material/Colour | / |
| Other Info. | / |
| Sample Received Date | 2023-02-03 |
| Test Period | 2023-02-03~ 2023-02-08 |
| Test Requirement | Referring to the requirements of RoHS Directive 2011/65/EU (the European Parliament and the Council's Restriction on the use of certain Hazardous Substances in electrical and electronic equipment) and its amendment (EU) 2015/863. |
| Remark | This report is the revision of TS23020099, the original test report is invalid. |

| Test Item(s) | Test Result(s) |
|---|----------------|
| Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (CrVI), Polybrominated biphenyl (PBBs), Polybrominated diphenyl ether (PBDEs), Butylbenzylphthalate (BBP), Di-(2-ethylhexyl) phthalate (DEHP), Di-n-butyl phthalat (DBP), Di-isobutyl phthalate (DIBP) Content | Pass |

Prepared by: *Tiffany Yu*

Tiffany Yu

Reviewed by: *Li Xuefeng*

Li Xuefeng

Accredited
Signatory by:*Li Changhai*

Li Changhai

Issue date: 2023-04-06

Test Component(s):

| No. | Sample Serial No. | Test Component(s) | Type/Model | Material/Colour | Other Info. |
|-----|-------------------|-------------------|------------|-----------------|-------------|
| 001 | TS23020099001 | SMC | / | / | / |

Photo(s):



TS23020099001

Test Method(s):

IEC 62321-3-1:2013: Screening- Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry.

IEC 62321-4:2013+AMD1:2017: Mercury in polymers, metals and electronics by ICP-OES.

IEC 62321-5:2013: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by ICP-OES.

IEC 62321-6: 2015: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectrometry (GC-MS).

IEC 62321-7-2:2017: Hexavalent chromium-Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method.

IEC 62321-8:2017: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS).

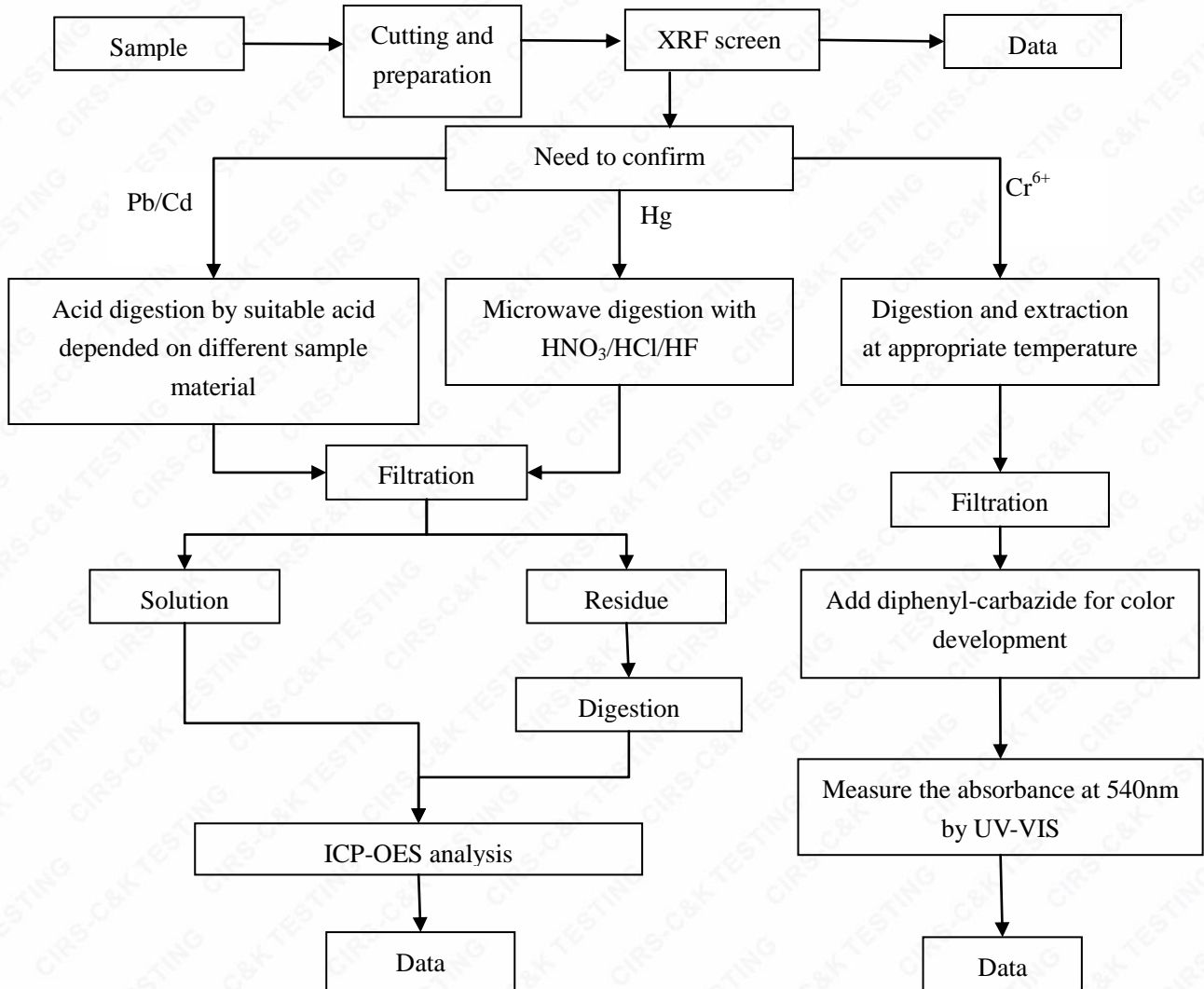
Test Result(s):

| Test Item(s) | Requirement | MDL | Unit | Test Result(s) |
|---------------------------------------|-------------|-----|-------|----------------|
| | | | | 001 |
| Lead (Pb) | ≤1000 | 5 | mg/kg | N.D. |
| Cadmium (Cd) | ≤100 | 5 | mg/kg | N.D. |
| Mercury (Hg) | ≤1000 | 5 | mg/kg | N.D. |
| Hexavalent Chromium (CrVI) | ≤1000 | 10 | mg/kg | N.D. |
| Polybrominated biphenyl (PBBs) | ≤1000 | 100 | mg/kg | N.D. |
| Monobromobiphenyl | / | 10 | mg/kg | N.D. |
| Dibromobiphenyl | / | 10 | mg/kg | N.D. |
| Tribromobiphenyl | / | 10 | mg/kg | N.D. |
| Tetrabromobiphenyl | / | 10 | mg/kg | N.D. |
| Pentabromobiphenyl | / | 10 | mg/kg | N.D. |
| Hexabromobiphenyl | / | 10 | mg/kg | N.D. |
| Heptabromobiphenyl | / | 10 | mg/kg | N.D. |
| Octabromobiphenyl | / | 10 | mg/kg | N.D. |
| Nonabromobiphenyl | / | 10 | mg/kg | N.D. |
| Decabromobiphenyl | / | 10 | mg/kg | N.D. |
| Polybrominated diphenyl ether (PBDEs) | ≤1000 | 100 | mg/kg | N.D. |
| Monobromodiphenyl ether | / | 10 | mg/kg | N.D. |
| Dibromodiphenyl ether | / | 10 | mg/kg | N.D. |
| Tribromodiphenyl ether | / | 10 | mg/kg | N.D. |
| Tetrabromodiphenyl ether | / | 10 | mg/kg | N.D. |
| Pentabromodiphenyl ether | / | 10 | mg/kg | N.D. |
| Hexabromodiphenyl ether | / | 10 | mg/kg | N.D. |
| Heptabromodiphenyl ether | / | 10 | mg/kg | N.D. |
| Octabromodiphenyl ether | / | 10 | mg/kg | N.D. |
| Nonabromodiphenyl ether | / | 10 | mg/kg | N.D. |
| Decabromodiphenyl ether | / | 10 | mg/kg | N.D. |
| Benzyl butyl phthalate (BBP) | ≤1000 | 10 | mg/kg | N.D. |
| Di- (2-ethylhexyl) phthalate (DEHP) | ≤1000 | 10 | mg/kg | N.D. |
| Di-n-butyl phthalat (DBP) | ≤1000 | 10 | mg/kg | N.D. |
| Di-isobutyl phthalate (DIBP) | ≤1000 | 10 | mg/kg | 126 |

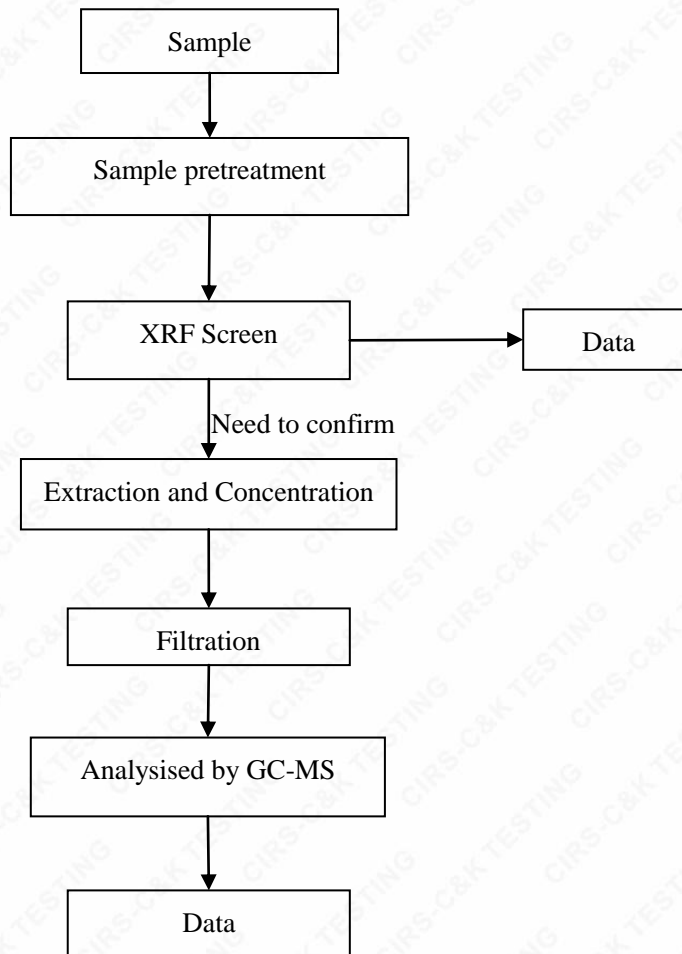
Remarks:

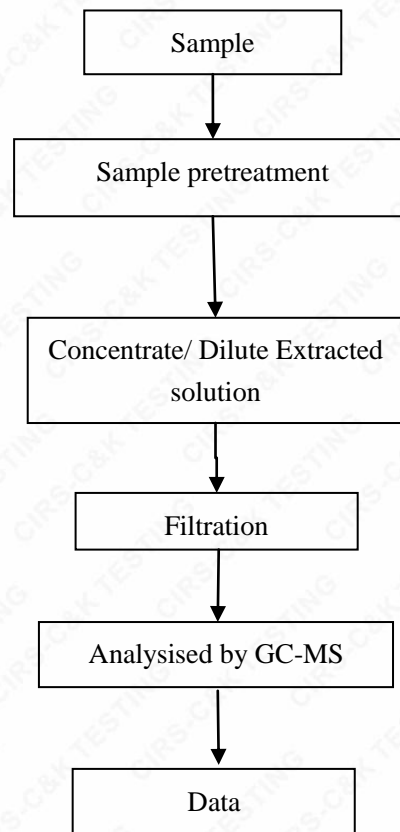
1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Test Flow Chart for the determination of Pb, Cd, Hg, Cr⁶⁺



Test Flow Chart for the determination of PBBs/PBDEs



Test Flow Chart for the determination of Phthalates Content**Statement:**

- I This report is invalid without the signature of accredited signatory. Any alteration to this report is also invalid.
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- V The test results shown in this report refer only to the sample submitted by applicant.
- VI Please respond to Hangzhou C&K Testing Technic Co., Ltd. within fifteen working days upon receipt of this report if there is any objection.
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- X The quantity of the sample does not meet the requirements of retest and arbitration, it shall be regarded as the customer waiving the right of retest and arbitration.

The end of report