



TEST REPORT

No.:SST20001456

Date.:2020-05-19

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Applicant: DONGGUAN ZHANHONG WEAVING STRING CO.,LTD.

Address: Xitailong Industrial Area,Pearl Road,Shatian Town,Dongguan City,Guangdong Province,523981China.

Report on the submitted sample said to be:

Material description: Mask Elastic Band

Style/ Model No.:	N/A	P/O No./ Lot No. :	N/A
Order No.:	N/A	Material :	30%spandex,70%nylon
Color:	white	Test Request Age :	N/A
Manufactory :	zhanhong	Buyer :	N/A
Country of Origin :	china	Country of Export :	N/A

Sample received date : May 16,2020

Sample test period : From May 16,2020 to May 19,2020

SUMMARY OF TEST RESULT(S)

Test Item(s)	Conclusion	Remark
Heavy Metals, Flame Retardants Content and Phthalates content – European Council Directive 2011/65/EU and Change-Directive (EU) 2015/863 on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)	PASS	--

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Signatories:

John Yue
Lab Manager



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Results:

Heavy Metals, Flame Retardants Content and Phthalates content – European Council Directive 2011/65/EU and Change-Directive (EU) 2015/863 on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

Test Method: See Appendix.

Test Item(s)	Unit	Limit	Result(s)
			001
Lead (Pb)	mg/kg	1000	ND
Cadmium (Cd)	mg/kg	100	ND
Mercury (Hg)	mg/kg	1000	ND
Chromium VI (Cr VI) *	mg/kg	1000	ND
PBBs	mg/kg	1000	ND
MonoBB	mg/kg	-	ND
DiBB	mg/kg	-	ND
TriBB	mg/kg	-	ND
TetraBB	mg/kg	-	ND
PentaBB	mg/kg	-	ND
HexaBB	mg/kg	-	ND
HeptaBB	mg/kg	-	ND
OctaBB	mg/kg	-	ND
NonaBB	mg/kg	-	ND
DecaBB	mg/kg	-	ND
PBDEs	mg/kg	1000	ND
MonoBDE	mg/kg	-	ND
DiBDE	mg/kg	-	ND
TriBDE	mg/kg	-	ND
TetraBDE	mg/kg	-	ND
PentaBDE	mg/kg	-	ND
HexaBDE	mg/kg	-	ND
HeptaBDE	mg/kg	-	ND
OctaBDE	mg/kg	-	ND
NonaBDE	mg/kg	-	ND
DecaBDE	mg/kg	-	ND
Dibutylphthalate (DBP)	mg/kg	1000	ND
Di-(2-ethylhexyl)-phthalate (DEHP)	mg/kg	1000	ND
Butylbenzylphthalate (BBP)	mg/kg	1000	ND
Di-isobutyl phthalate (DIBP)	mg/kg	1000	ND



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Note / key:

ND = Not detected “>” = Greater than Req. = Requirement
NR = Not requested mg/kg = milligram(s) per kilogram = ppm = part(s) per million
NA = Not Applicable 10000 mg/kg = 1 % % = percent
 μ g/cm²= Micrograms per square centimeter
Detection Limit
Each (Pb, Cd, Hg) 10mg/kg ; Cr VI: 0.1 μ g/cm²(metal); Cr VI :5mg/kg(non-metal);
Each PBBs 50 mg/kg; Each PBDEs 50 mg/kg; Phthalate Each 50 mg/kg

Remark:

- The list of analytes is summarized in table of Appendix.
- * The sample is negative for Cr VI if Cr VI is ND(concentration less than 0.10 μ g/cm²).
The coating is considered a non- Cr VI based coating.
- The sample is positive for Cr VI if the Cr VI concentration is greater than 0.13 μ g/cm².
The sample coating is considered to contain Cr VI.
- The result between 0.10 μ g/cm² and 0.13 μ g/cm² is considered to be inconclusive-unavoidable coating variations may influence the determination
- Information on storage conditions and production date of the tested sample is unavailable and thus Cr VI results represent status of the sample at the time of testing.

Specimen Description:

001: White textile



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APPENDIX:

List of Analytes and their Corresponding Test Methods [European Council Directive 2011/65/EU] :		
No.	Name of Analytes	Test Method(s)
1	Lead (Pb)	With reference to International Standard IEC 62321-5: 2013.
2	Cadmium (Cd)	
3	Mercury (Hg)	With reference to International Standard IEC 62321-4: 2013.
4	Chromium VI (Cr VI)	Metal : With reference to European Standard IEC 62321-7-1: 2015[a]. Polymers and Electronics : With reference to European Standard IEC 62321-7-2: 2017. Leather : International Standard ISO 17075: 2017
5	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	With reference to IEC 62321-6: 2015.
	Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	
6	Dibutylphthalate (DBP) Di-(2-ethylhexyl)-phthalate (DEHP) Butylbenzylphthalate (BBP) Di-isobutyl phthalate (DIBP)	With reference to IEC 62321-8:2017
<p>The principle of this method was evaluated and supported by two studies organized by IEC TC 111 WG3. [a] These studies were focused on detecting the presence of Cr VI in the corrosion protection coatings on metallic samples.</p>		



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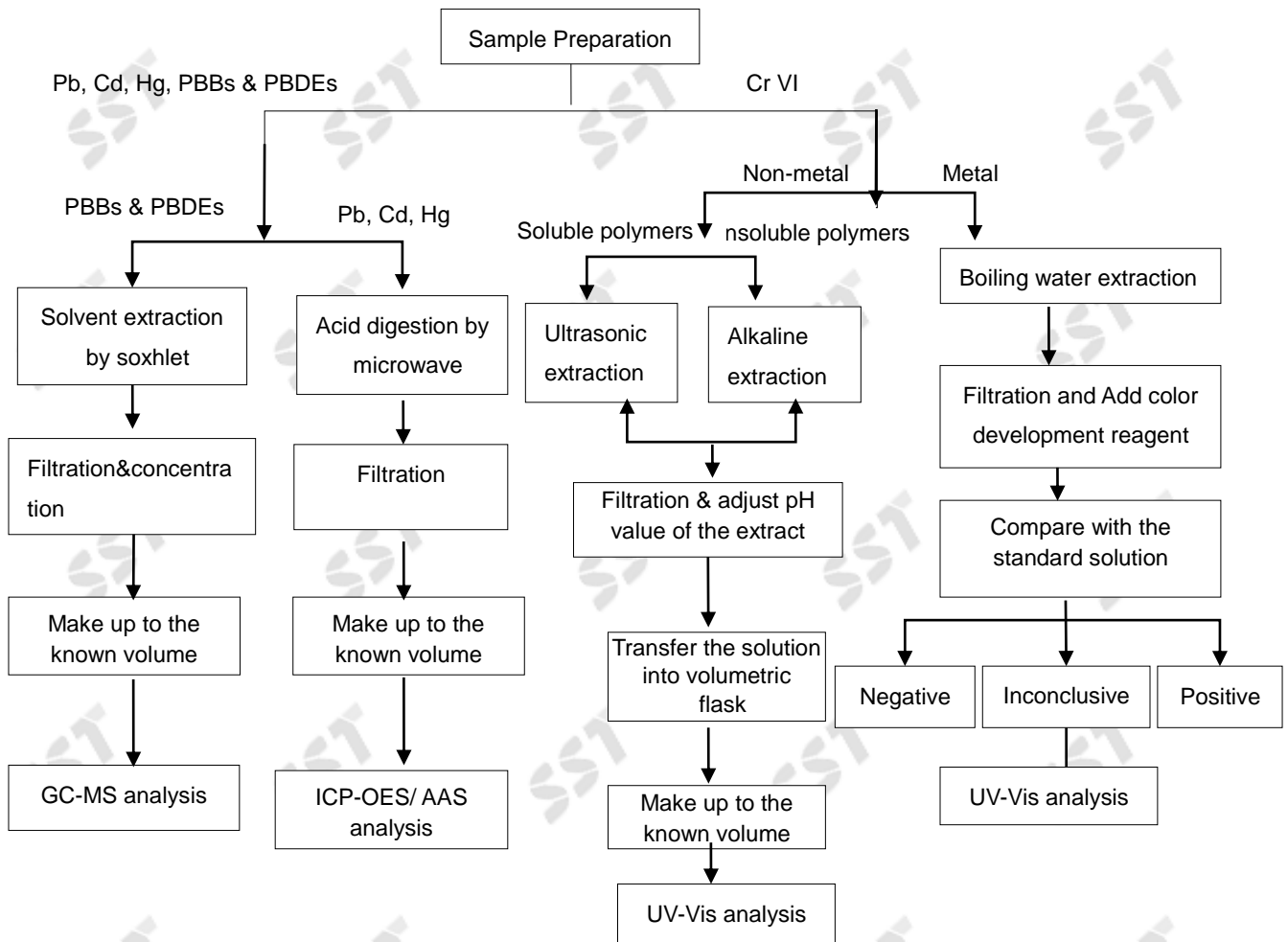
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Pb,Cd,Hg,PBBs&PBDEs test flow chart



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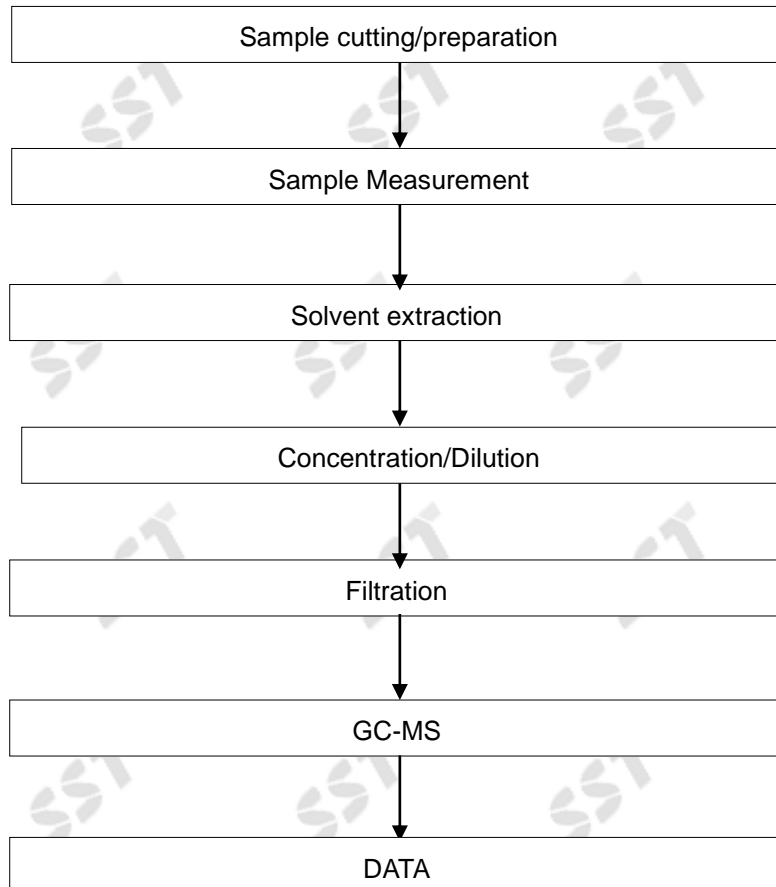
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Phthalates test flow chart



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Photograph of Sample

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*** End of Report ***

The test report is considered invalidated without both signature and specialized stamp, The result(s) shown in this test report refer only to the sample(s) tested. Without written approval of SST, this test report shall not be copied except in full .Detailed description are available at the website <http://www.sst-test.com>.



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