



# Test Report

**Applicant :** Mr. Glenn Lau

**Date :** Mar 30 , 2021

**Applicant Add. :** Hongkong DB industry co., limited

**Sample Information :**

	Sample #	Description	Batch#
1	Red Mutispandex+Black Polyurethane Foam	\	\

**Sample received date:** Mar 25, 2021

**Testing Period:** Mar 25, 2021 to Mar 28, 2021

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**Conclusion:**

As requested by the applicant, for details refer to attached page(s)

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Authorized By:

Zhangjin  
Center director





# Test Report

## (1) Test Result(RoHS Directive 2011/65/EU)

Testing Item	Result
	1
Cadmium (Cd) Content (mg/kg)	N.D.
Lead (Pb) Content (mg/kg)	N.D.
Mercury (Hg) Content (mg/kg)	N.D.
Chromium (VI)(Cr6+) Content (mg/kg)	N.D.
Monobromobiphenyl (MonoBB)	N.D.
Dibromobiphenyl (DiBB)	N.D.
Tribromobiphenyl (TriBB)	N.D.
Tetrabromobiphenyl (TetraBB)	N.D.
Pentabromobiphenyl (PentaBB)	N.D.
Hexabromobiphenyl (HexaBB)	N.D.
Heptabromobiphenyl (HeptaBB)	N.D.
Octabromobiphenyl (OctaBB)	N.D.
Nonabromobiphenyl (NonaBB)	N.D.
Decabromobiphenyl (DecaBB)	N.D.
Monobromodiphenyl Ether (MonoBDE)	N.D.
Dibromodiphenyl Ether (DiBDE)	N.D.
Tribromodiphenyl Ether (TriBDE)	N.D.
Tetrabromodiphenyl Ether (TetraBDE)	N.D.
Pentabromodiphenyl Ether (PentaBDE)	N.D.
Hexabromodiphenyl Ether (HexaBDE)	N.D.
Heptabromodiphenyl Ether (HeptaBDE)	N.D.
Octabromodiphenyl Ether (OctaBDE)	N.D.
Nonabromodiphenyl Ether (NonaBDE)	N.D.
Decabromodiphenyl Ether (DecaBDE)	N.D.



# Test Report

## (2) RoHS Requirement

Restricted Substances	Limits
Cadmium (Cd)	0.01% (100 ppm)
Lead (Pb)	0.1% (1000 ppm)
Mercury (Hg)	0.1% (1000 ppm)
Chromium (VI) (Cr <sup>6+</sup> )	0.1% (1000 ppm)
Polybrominated Biphenyls (PBBs)	0.1% (1000 ppm)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000 ppm)

## (3) Test Method

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd) Content	With reference to IEC 62321: 2013, by acid digestion and determined by ICP - OES	10 mg/kg
Lead (Pb) Content	With reference to IEC 62321: 2013, by acid digestion and determined by ICP - OES	10 mg/kg
Mercury (Hg) Content	With reference to IEC 62321: 2013, by acid digestion and determined by ICP - OES	10 mg/kg
Chromium (VI)(Cr <sup>6+</sup> ) Content	With reference to IEC 62321 Edition 1.0:2008, by alkaline digestion and determined by UV-VIS Spectrophotometer	10 mg/kg
Polybrominated Biphenyls (PBBs)& Polybrominated Diphenyl Ethers (PBDEs)	With reference to IEC 62321 Edition 1.0:2008, by solvent extraction and determined by GC/MS and further HPLC confirmation when necessary	10 mg/kg

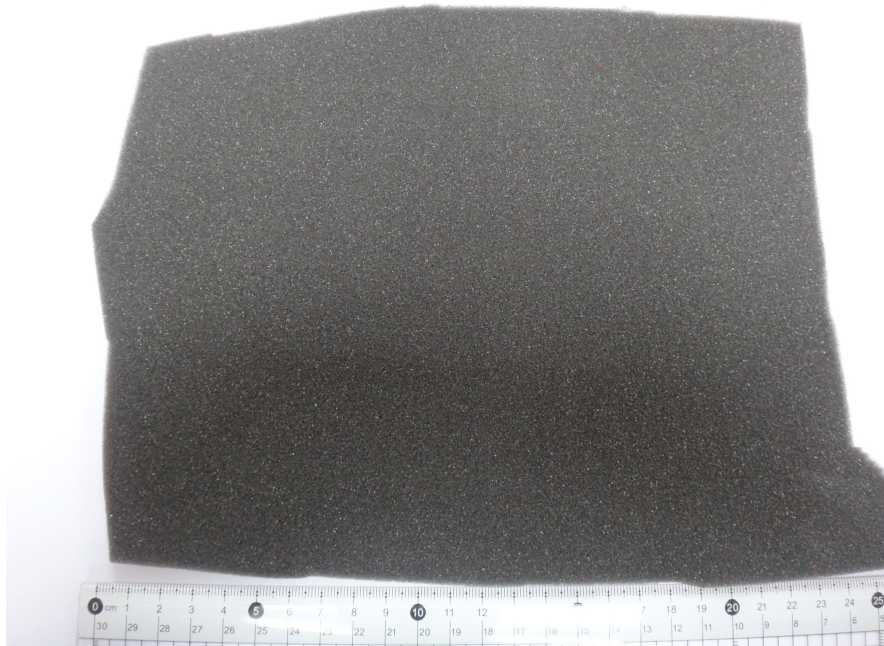
Remark :

- (1) < = less than
- (2) mg/kg = milligram per kilogram
- (3) N.D. = Not detected



# Test Report

**Sample Photo:**



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(End of report)

**Declaration :**

- (1)The report shall not be reproduced partly without the written approval of the laboratory, except in full produced
- (2)All the results shown in the report apply to the tested sample, any erasion on the report is invalid.