

TEST REPORT

Report No: AR-22-SV-025651-02
Customer: CSC STEEL SDN. BHD.
Date of Issue: 25/07/2022



Batch No: EUMYBM-00112155
Sample No: 138-2022-06004326

To: CSC STEEL SDN. BHD.
 180, Kawasan Industri Ayer Keroh,
 Ayer Keroh,
 75450 Melaka
 MALAYSIA

Attn: Ms. Chee Sook Jin

Date Sample Received: 22/06/2022
Date of Testing: 23/06/2022 to 22/07/2022

The following sample was identified by the customer as:

SAMPLE DESCRIPTION: REALCOLOR® THERMOSHIELD
 SAMPLE ID: JY65002

Test Result(s):

Analysis	Industrial Products Analysis	Unit	Result	LOQ	Test Method	Specification
SVK51	Cadmium (Cd)	mg/kg	<LOQ	1	IEC 62321-5	≤100mg/kg
SVL03	Lead (Pb)	mg/kg	<LOQ	10	IEC 62321-5	≤1000mg/kg
SVK82	Mercury (Hg)	mg/kg	<LOQ	5	IEC 62321-4	≤1000mg/kg
SVT92	Hexavalent Chromium (Cr6+)	µg/cm ²	0.20	-	IEC 62321-7-1	-
SVK16	Polybrominated Biphenyl (PBBs)				IEC 62321-6	
	Monobromo biphenyl	mg/kg	<LOQ	20		Refer Note 2
	Dibromo biphenyl	mg/kg	<LOQ	20		Refer Note 2
	Tribromo biphenyl	mg/kg	<LOQ	20		Refer Note 2
	Tetrabromo biphenyl	mg/kg	<LOQ	20		Refer Note 2
	Pentabromo biphenyl	mg/kg	<LOQ	20		Refer Note 2
	Hexabromo biphenyl	mg/kg	<LOQ	20		Refer Note 2
	Heptabromo biphenyl	mg/kg	<LOQ	20		Refer Note 2
	Octabromo biphenyl	mg/kg	<LOQ	20		Refer Note 2
	Nonabromo biphenyl	mg/kg	<LOQ	20		Refer Note 2
	Decabromo biphenyl	mg/kg	<LOQ	20		Refer Note 2
	Sum Polybrominated Biphenyls (PBBs)	mg/kg	<LOQ	20		≤1000mg/kg
SVK17	Polybrominated Diphenyl Ether (PBDEs)				IEC 62321-6	
	Monobromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 2
	Dibromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 2
	Tribromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 2
	Tetrabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 2
	Pentabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 2
	Hexabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 2
	Heptabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 2

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Analysis	Industrial Products Analysis	Unit	Result	LOQ	Test Method	Specification
	Octabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 2
	Nonabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 2
	Decabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 2
	Sum Polybrominated Diphenyl Ethers (PBDEs)	mg/kg	<LOQ	20		≤1000mg/kg
SVV1Q	Phthalates				IEC 62321-8	
	Benzyl butyl phthalate (BBP)	% (w/w)	<LOQ	0.02		≤0.1%
	Bis(2-ethylhexyl)phthalate (DEHP)	% (w/w)	<LOQ	0.02		≤0.1%
	Dibutyl phthalate (DBP)	% (w/w)	<LOQ	0.02		≤0.1%
	Di-isobutyl phthalate (DiBP)	% (w/w)	<LOQ	0.02		≤0.1%

Specification Note

- RoHS Directive 2011/65/EU and (EU) 2015/863 (amendment in Annex II)
- Based on sum amount of PBB/PBDE limit, which is ≤1000mg/kg

Remark

- Limit of quantification (LOQ) for Hexavalent Chromium (Cr6+) = 0.10 µg/cm²
- The test portion was totally dissolved for cadmium, lead & mercury test by using pre-conditioning method as mentioned above.
- IEC 62321 flowchart can be obtained from <https://admin.apac-websites.eurofins.com/media/606192/efctm001-issue-2.pdf>

Version Remark(s):

- Analytical Report AR-22-SV-025651-02 issued on 25/07/2022 will supersede previous version of report(s). Upon receipt of this revised copy, all earlier version of report(s) will be invalid immediately.

This 3 page(s) of report and its attachment(s), if relevant, has/have been validated by



ChM. Ong Sheue Fen, B. Sc (Hons) Industrial Chemistry
 IKM Registered Chemist
 Registered No.:M/2864/5629/09

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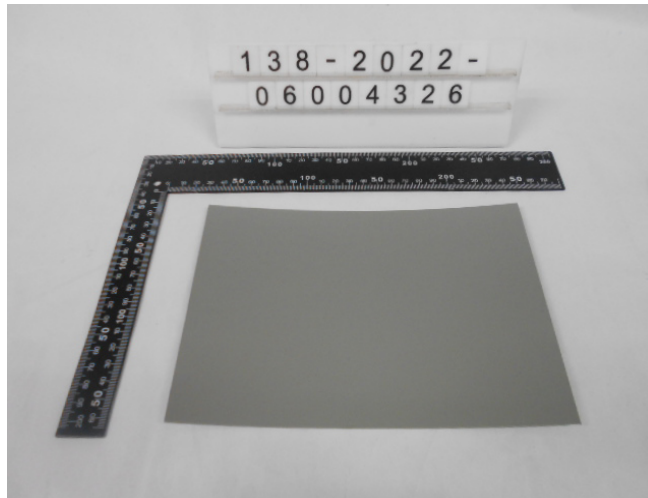
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N/A means not applicable.
 <LOD means not detected at or below the Limit of Detection (LOD).
 <LOQ means below the Limit of Quantification (LOQ).

Sample Photograph



- End of Report -