

Test Report

Number: SZHH01312683

Applicant: GUANGZHOU, BYSSUN COMPOSITE MATERIALS
CO., LTD
SHANGWEI FIST ROAD, SHAZHUANG STREET,
SHITAN TOWN,ZENGCHENG DISTRICT,
GUANGZHOU CITY

Date: Dec 24, 2018

Attn: XU WENZHI

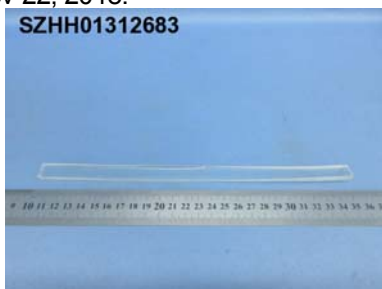
Sample Description:

One (1) submitted sample said to be **polyurethane BZ-519-6A/B.**

Manufacturer : Guangzhou, Byssun Composite Materials Co., Ltd.

Country of Origin : China.

Date Sample Received : Nov 22, 2018.



Tests conducted:

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

Conclusion:

Tested sample
Submitted sample

Test Item
VOC analysis

Result
See test conducted

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.

Ben N.L. Lin
General Manager



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Tests Conducted

1 Volatile organic compounds(VOC) analysis

With reference to ISO16000-3, ISO16000-6, ISO 16000-9 & ISO 16000-11, VOCs were detected by Automatic Thermal Desorption Gas Chromatography /Mass Spectrometric (ATD-GC/MS) and aldehydes and ketones were detected by High Performance Liquid Chromatography-Diode-Array Detector (HPLC-DAD).

Parameters of the emission chamber for test :

Chamber type : 1m³ stainless steel chamber

Climatic conditions : 23°C, 50% R.H

Air exchange : 1 h⁻¹

Loading factor : 0.05 m²/m³

Sampling : DNPH for ketones and aldehydes and Tenax TA for other VOCs.

Compounds	Result (mg/m ³)#			Reporting limit (mg/m ³)
	(5h)	(24h)	(48h)	
Formaldehyde	ND	ND	ND	0.005
Methylethylbenzene	0.418	0.143	0.09	0.002
Mesitylene	1.14	0.394	0.264	0.002
Cyclohexanone	0.983	0.307	0.204	0.002
N-methyl-aniline	0.218	0.162	0.098	0.002
Diethyl fumarate	0.195	0.115	0.075	0.002
Sum VOC (<C6)	ND	ND	ND	0.02
Sum VOC (C6~C16)	3.49	1.46	0.944	0.02
Sum VOC (>C16)	ND	ND	ND	0.02

= The compounds were quantified by Toluene as the reference material except for formaldehyde xylene and ethylbenzene.

ND = Not Detected

Tested component: Transparent plastic.

End of report

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