



**Test Report**

Number: SZHH01133842

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

Date: Mar 29, 2017

Attn: 徐文芝

**Sample Description:**

One (1) submitted sample said to be **raw material used for:**

Item Name : **Polyurethane BZ-519-6A/B.**  
Manufacturer : Guangzhou, Byssun Composite Materials Co., Ltd.  
Country of Origin : China.  
Date Sample Received : Mar 16, 2017.



**Tests conducted:**

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

**Conclusion:**

Tested sample	Test Item	Result
Submitted sample	VOC analysis	See test conducted

Authorized by:  
For Intertek Testing Services  
Shenzhen Ltd.

Ben N.L. Lin  
General Manager



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**Intertek Testing Services Shenzhen Ltd.- Hardlines**

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### Tests Conducted

#### 1 Volatile organic compounds(VOC) analysis

As per Applicant's request, 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 : 1m<sup>3</sup> stainless steel chamber

Climatic conditions : 23°C, 50% R.H

Air exchange : 1 h<sup>-1</sup>

Loading factor : 0.025 m<sup>2</sup>/m<sup>3</sup>

Sampling : DNPH for Ketones and Aldehydes and Tenax TA for other VOCs.

Compounds	CAS No.	Result (µg/m <sup>3</sup> )			Reporting limit (µg/m <sup>3</sup> )
		5h	24h	48h	
Formaldehyde	50-00-0	ND	ND	ND	5
N-methyl-aniline	--	18	7	ND	2
Sum VVOC(<C6)	--	ND	ND	ND	20
Sum VOC(C6-C16)	--	ND	ND	ND	20
Sum VOC(>C16)	--	ND	ND	ND	20

TVOC = Total volatile organic compounds.

# = The compounds were quantified by Toluene as the reference material.

ND = Not Detected

Tested components: (1) Transparent plastic.

\*\*\*\*\*

End of report

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