



中国认可
国际互认
检测
TESTING
CNAS L7877

Test Report

No. SDFS2209005860FF

Date: Sep.20, 2022 Page 1 of 5

WOVEN IMAGE INTERIOR MATERIAL (SHANGHAI) CO., LTD.
ROOM 103, BDG B, NO. 3039 LIYUE ROAD, PUJIANG TOWN, MINHANG DIST, SHANGHAI, CHINA

Sample Description : FUJI
Composition : 100% PET (64 RECYCLED)

The above data and information was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion.

Sample Receiving Date : Sep.13, 2022
Test Performing Date : Sep.13, 2022 to Sep.20, 2022

Test Result Summary

Test(s) Requested	Result(s)
GB 8624-2012 Fire classification for burning behavior of building materials and products Clause 5.1.1 Table 2 Classes of reaction to fire performance for slab building materials and construction products	Classification: B ₁ (B-s1,d0)

Summary:

1. For further details, please refer to the following page(s).

Signed for and on behalf of
Shunde Branch
SGS-CSTC Co., Ltd.

刘楠



Ada Liu
Approved signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

11F, 1 Building, European Industrial Park, No.1 Shunhe South Road, Wusha Section, Daliang Town, Shunde Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgs.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 sgs.china@sgs.com

TESTS AND RESULTS

Test Conducted:

GB 8624-2012 Fire classification for burning behavior of building materials and products. Clause 5.1.1 Table 2 Classes of reaction to fire performance for slab building materials and construction products. And the test methods as following:

1. GB/T 20284-2006 Single burning item test for building materials and products.
2. GB/T 8626-2007 Test method of flammability for building materials.

Mounting and fixing (For GB/T 20284):

Test substrate was calcium silicate board meets the requirement of standard, the density of 900 kg/m³ and thickness of 10mm.

Specimen was installed on the substrate by screw. There was no joint between specimens. Specimen had a distance of at least 80mm from the backing board.

Test Results:

Test method	Parameter	Number of tests	Results
GB/T 20284-2006	FIGRA _{0.2MJ} (W/s)	3	34.3
	FIGRA _{0.4MJ} (W/s)		34.3
	LFS < edge of specimen		Yes
	THR _{600s} (MJ)		4.0
	SMOGRA (m ² /s ²)		7.1
	TSP _{600s} (m ²)		19.2
	Flaming particles or droplets within 600s (Yes/No); Combustion time, if any burning time: (≤10s / >10s)		No
GB/T 8626-2007 Exposure = 30 s	F _s ≤ 150 mm within 60s	12	Yes
	Ignition of the filter paper within 60s		No

Remark:

FIGRA-Fire growth rate index used for classification purposes [W/s]

For Class A2 and Class B FIGRA= FIGRA_{0.2MJ}

For Class C and Class D FIGRA= FIGRA_{0.4MJ}

LFS - Lateral flame spread [m]

THR_{600s} -Total heat release within 600 s [MJ]

SMOGRA-Smoke growth rate [m²/s²]

TSP_{600s} -Total smoke production within 600 s [m²]

Classification and direct field of application:

This classification has been carried out in accordance with GB 8624-2012 Clause 5.1.1 Table 2 Classes of reaction to fire performance for slab building materials and construction products

Conclusion:

According to the test result, Combustion properties identified as: GB 8624 B₁ (B-s1,d0) ;

The submitted sample satisfies Class B₁ requirement of reaction to fire performance for slab building materials and construction products in GB 8624-2012.

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

11F, 1 Building, European Industrial Park, No.1 Shunhe South Road, Wushe Section, Daliang Town, Shunde Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgs.com.cn
 中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号楼首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 sgs.china@sgs.com



Table 2 Classes of reaction to fire performance for slab building materials and construction products

Class		Test method(s)		Classification criteria
A	A1	GB/T 5464 ^a	and	$\Delta T \leq 30^{\circ}\text{C}$; $\Delta m \leq 50\%$; $t_f = 0$
				GB/T 14402
	A2	GB/T 5464 ^a or	and	$\Delta T \leq 50^{\circ}\text{C}$; $\Delta m \leq 50\%$; $t_f \leq 20 \text{ s}$
				GB/T 14402
		GB/T 20284	$\text{FIGRA}_{0.2\text{MJ}} \leq 120 \text{ W/s}$; $\text{LFS} < \text{edge of specimen}$; $\text{THR}_{600\text{s}} \leq 7.5 \text{ MJ}$	
B ₁	B	GB/T 20284	and	$\text{FIGRA}_{0.2\text{MJ}} \leq 120 \text{ W/s}$; $\text{LFS} < \text{edge of specimen}$; $\text{THR}_{600\text{s}} \leq 7.5 \text{ MJ}$
				GB/T 8626 Exposure =30s
	C	GB/T 20284	and	$\text{FIGRA}_{0.4\text{MJ}} \leq 250 \text{ W/s}$; $\text{LFS} < \text{edge of specimen}$; $\text{THR}_{600\text{s}} \leq 15 \text{ MJ}$
				GB/T 8626 Exposure=30s
B ₂	D	GB/T 20284	and	$\text{FIGRA}_{0.4\text{MJ}} \leq 750 \text{ W/s}$
				GB/T 8626 Exposure=30s
	E	GB/T 8626 Exposure =15s	$\text{Fs} \leq 150 \text{ mm}$ within 20 s; No ignition of paper within 20s	
B ₃	F	No performance determined		

^a For homogeneous products or substantial components of non-homogeneous products.
^b For any external non-substantial component of non-homogeneous products.
^c any external non-substantial component having a $\text{PCS} \leq 2.0 \text{ MJ/m}^2$, provided that the product satisfies the following criteria of $\text{FIGRA}_{0.2\text{MJ}} \leq 20 \text{ W/s}$, and $\text{LFS} < \text{edge of specimen}$, and $\text{THR}_{600\text{s}} \leq 4.0 \text{ MJ}$, and s1, and d0 can be defined A1.
^d For any internal non-substantial component of non-homogeneous products.
^e For the product as a whole.



Table B.1 smoke production levels and grading criterion		
SMOGRA	Test Method	Requirement
s1	GB/T 20284	SMOGRA $\leq 30m^2/s^2$; TSP _{600s} $\leq 50m^2$
s2		SMOGRA $\leq 180m^2/s^2$; TSP _{600s} $\leq 200m^2$
s3		not s1 or s2

Table B.2 Burning droplets / particles grades and grading criterion		
Burning droplets / particles grades	Test Method	Requirement
d0	GB/T 20284	No flaming droplets/ particles within 600 s
d1		Flaming droplets/ particles persisting longer than 10 s within 600 s
d2		not d0 or d1

Statement:

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Warning:

This classification report does not represent type approval or certification of the product.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSI Standards Technical Services (Shunde) Co., Ltd.
Shunde Branch

11F, 1 Building, European Industrial Park, No.1 Shunhe South Road, Wusha Section, Daliang Town, Shunde Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgsgroup.com.cn
 中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 sgs.china@sgs.com

SAMPLE INFORMATION AND PICTURES

Thickness: 5.2mm
 Density: 1.74kg/m²
 ★Product usage: Interior decoration

The above data and information with ★ was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion. results apply to the sample as received.



Before Test for GB/T 20284



After Test for GB/T 20284

Remark: The report is English version of Chinese test report SDFS2209005860FF_CN. The Chinese version shall prevail in case of discrepancy between the Chinese version and English version.

End of Report



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

11F, Building European Industrial Park, No.1 Shunhe South Road, Wushe Section, Daliang Town, Shunde Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgs.com.cn
 中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 sgs.china@sgs.com