

Test Report

No. SDFS2312008192GF

Date: Jan.02, 2024

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HAINING DULETAI NEW MATERIAL CO.,LTD
NO.23 WENLI ROAD,HAINING,ZHEJIANG,CHINA

Sample Description : SUNSCREEN FABRIC
Spec. : 5103
Manufacturer : HAINING DULETAI NEW MATERIAL CO.,LTD
Material& Mark : 30%POLYESTER, 70%PVC
Other :

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.

SGS Ref No. : CDIN2312000341PL01
Sample Receiving Date : Dec.21, 2023
Test Performing Date : Dec.21, 2023 to Jan.02, 2024

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	GB/T 17591-2006 Flame retardant fabrics-Clause 4.1 the combustion performance of decorative fabric test	See next page	/
For further details, please refer to the following page(s)			

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

Ivette Zhang
Approved signatory



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1-2/F, Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China 528300 t (86-757) 22805888 www.sgs.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300 t (86-757) 22805888 sgs.china@sgs.com

Test Conducted:

GB/T 17591-2006 Flame retardant fabrics- Clause 4.1 the combustion performance of decorative fabric test. Test method with GB/T 5455-2014 Textiles- Burning behavior- Determination of damaged length, afterglow time and afterflame time of vertically oriented specimens

I. General Information:

Name	Fabric
Area density	441 g/m ²

II. Precondition:

		Standard environment	Actual environment
Precondition	Temperature	(20±2)°C	(20±2)°C
	Relative humidity	(65±4)%	(65±4)%
	Duration	8~24h	24h
Test environment	Temperature	15°C~30°C	20.7 °C
	Relative humidity	30%~80%	46 %
The weight of the heavy hammer:	340.2 g	Choose the test gas:	Butane

Remark: The client claim that the sample was non-laundering durability, so the water-soaking procedure is not conducted.

III. Requirement:

Product category	Item	Assessment index		Test method
		Class B ₁	Class B ₂	
Decorative fabric	Damaged length /mm ≤	150	200	GB/T 5455-2014
	Afterflame time /s ≤	5	15	
	Afterglow /s ≤	5	15	

IV. Test Results:

No.	Warp				
	Afterflame time (s)	Afterglow (s)	Damaged length (mm)	Melting drops (Yes/No)	Cotton indicator ignited (Yes/No)
1	14	0	165	No	No
2	5	0	142	No	No
3	14	0	171	No	No
4	12	0	192	No	No
5	11	0	162	No	No
Avg.	11	0	166	---	---

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 中国·广东·佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300 t (86-757) 22805888 sgs.china@sgs.com

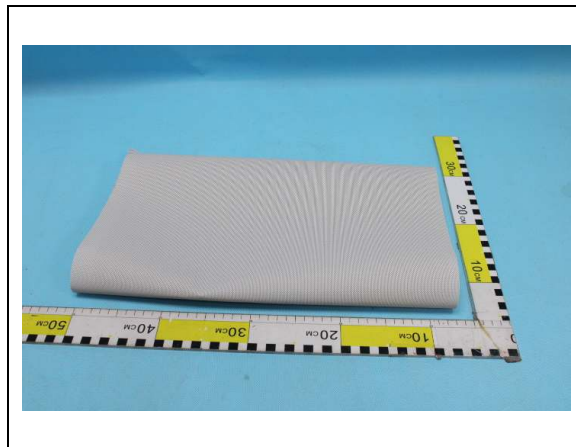


No.	Weft				
	Afterflame time (s)	Afterglow (s)	Damaged length (mm)	Melting drops (Yes/No)	Cotton indicator ignited (Yes/No)
1	1	0	151	No	No
2	0	0	140	No	No
3	3	0	144	No	No
4	2	0	147	No	No
5	2	0	150	No	No
Avg.	2	0	146	---	---

V. Conclusion: The samples met the requirements of Class B₂ of GB/T 17591-2006 Flame retardant fabrics - Clause 4.1 the combustion performance of decorative fabric test.

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Photo Appendix:



Remark: The report is English version of Chinese test report SDFS2312008191FF_CN. The Chinese version shall prevail in case of discrepancy between the Chinese version and English version.

End of Report



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t (86-757) 22805888

sgs.china@sgs.com