

ZHANGZHOU ZHONGCHENG NON-WOVEN FABRIC CO., LTD.  
NO. 96, BUILDING 6, JINGWEI, LINGJIAO VILLAGE, HUXI SHE ETHNIC TOWNSHIP, ZHANGPU COUNTY,  
FUJIAN PROVINCE, CHINA

Sample Descriptions : PP FLAME RETARDANT NON-WOVEN FABRIC

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

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Sample Receiving Date : Dec 11, 2025  
Test Performing Date : Dec 11, 2025 to Dec 19, 2025  
Test Performed : Selected test(s) as requested by applicant  
Test Result(s) : For further details, please refer to the following page(s)

**Test Required** : Schedule 4 Part II and Schedule 5 Part III of Furniture and Furnishings (Fire) (Safety) Regulations 1988 With Amendments In 1989, 1993 and 2010 of United Kingdom  
**Test result(s)** : See attached sheet  
**Conclusion** : PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch



Terry Hong  
Authorized Signatory

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XMHL251200949601SD

Verification:  
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\*\*\* SGS Ref No.: SDFTS25007858R01\_EN \*\*\*

The below tests were conducted by SGS-CSTC Standards Technical Services Co.,Ltd. Shunde Branch

**Test Conducted:**

The Test, Specified in Schedule 4 Part II and Schedule 5 Part III of the Furniture and Furnishings (Fire) (Safety) Regulations, is based on BS 5852: Part 1: 1979.

To assess the ignitability of invisible covers used in upholstered components when subjected to ignition **source 0 and 1**.

**General Information:**

Materials	Non-woven fabric	Weight	104 g/m <sup>2</sup>
Precondition	Indoor Ambient Condition		72 h
Conditioning of Test Specimen and Ignition Source(s)	Temperature: (23±2) °C;Relative Humidity: (50±5) % Duration:24 h;		
Testing Enclosure (fume cupboard / room)	24.1 °C	RH 58.9 %	---

**Test Results:**

The following test results relate only to the ignitability of the combination of materials under the particular condition of test. They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

**(A) Smoldering Cigarette Test (ignition source 0)**

Criteria	1 <sup>st</sup> test	2 <sup>nd</sup> test
9.2.3) Whether the evidence of progressive smoldering or flaming is observed in the interior and/or cover	NO	NO
9.2.4) Whether progressive smoldering or flaming of the sample is observed at any time within one hour of placement of the cigarette	NO	NO
9.2.5) Whether progressive smoldering is observed on final examination when dismantle assembly and examine internally	NO	NO

**Test Details:**

The filling material for Schedule 4 Part II was non-fire retardant polyurethane foam corresponding to the specification set out in BS 3379 Type B Hardness grade 130 and of a density of 20-22 kg per m<sup>3</sup>.

Test	Ignition Source	Time to extinction after placement of the cigarette		
		Progressive Smoldering Time(second)	Flame Ceased Time(second)	Smoking Ceased Time
1 <sup>st</sup>	0	0	0	18min46s
2 <sup>nd</sup>	0	0	0	19min21s



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**Sub-Conclusion: PASS**

**(B) Butane Flame Test (ignition source 1)**

Criteria	1 <sup>st</sup> test	2 <sup>nd</sup> test
9.3.4) Whether the evidence of flaming or progressive smouldering in the interior and/or cover is observed beyond 120s of the removal of the burner tube	NO	NO
9.4) Whether progressive smouldering is observed on final examination when dismantle assembly and examine internally	NO	NO

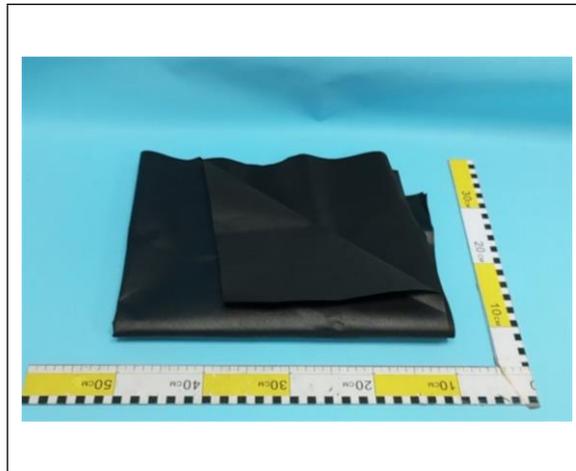
**Test Details:**

The filling material for Schedule 5 Part III were foam which had pass the ignitability test in Part I of Schedule 1 and which has a density of 24-26 kg per m<sup>3</sup>.

Test	Ignition Source	Ignition Time	Time to Extinction after Removal of the Burner(second)	
			Flame Ceased Time	Smoking Ceased Time
1 <sup>st</sup>	1	(20±1)s	0	16
2 <sup>nd</sup>	1	(20±1)s	0	14

**Sub-Conclusion: PASS**

**Photo Appendix:**



SGS authenticate the photo on original report only

\*\*\*End of Report\*\*\*



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