



中国认可  
国际互认  
检测  
TESTING  
CNAS L4743

**Test Report**

Report No.: AJFS2208006481FF

Date: AUG.27, 2022

Page 1 of 6

**SHAOXING BIGU TEXTILES CO., LTD**

ROOM 201, FLOOR 2, NO.92-4 QISHENG ROAD, MASHAN STREET, YUECHENG DISTRICT,  
SHAOXING, ZHEJIANG

**Sample Description:** INHERENT FLAME RETARDANT POLYESTER BLACKOUT FABRIC

**Color:** BLACK

**Style/Item No.:** /

**Composition:** 100% POLYESTER

**End Use Application:** CURTAIN

The above sample(s) 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 arising therefrom. Results apply to the sample as received.

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**Test Requested:**

NF P 92-507:2004 Fire safety-building-interior fitting materials-Classification according to their reaction to fire.

**Test Results:** -- See attached sheet --

**Conclusion:**

**Classification: M1**

Note: The classes with their corresponding fire performance are given in Annex I.

**Test Period:**

Sample Receiving Date : AUG.12, 2022

Test Performing Date : AUG.12, 2022 TO AUG.26, 2022

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

Allen Zou  
Approved Signatory

scan to see the report



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**I. Test conducted**

This test was conducted according to NF P 92-507:2004 Fire safety--building-interior fitting materials -- Classification according to their reaction, and the test methods as following:

1. NF P 92-503:1995 Safety against fire - Building materials – Reaction to fire tests Electrical burner test used for flexible materials.
2. NF P 92-504:1995 Safety against fire -- Building materials -- Reaction to fire tests -- Flame persistence test and speed of the spread of flame.
3. NF P 92-505:1995 Safety against fire -- Building materials -- Reaction to fire tests -- Test used for thermal melting materials—Dripping test.

**II. Sample details**

Sample description	Fabric
Color	Black
Area density	About 265 g/m <sup>2</sup>
Specimen size	600mm×180mm (NF P 92-503) 460mm×230mm (NF P 92-504) 70mm×70mm (NF P 92-505)

**III. Conditioning**

Prior to testing, the sample was conditioned,

In an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5% for 7 days or until constant mass is obtained. The mass is considered as constant when two successive weightings 24 hours apart do not differ by more than 0.1% or 0.1 g (take the highest mass value).



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**IV. Test results**

**i) NF P 92-503:1995 Electrical burner test**

Back. Length

During the testing, the following details are noted	1	2	3	4	Average
Hole (Yes/No)	Yes	Yes	Yes	Yes	
Applied time (s)	20	20	20	20	
Max. afterflame time after withdrawal the pilot flame (s)	0	0	0	0	0
Afterglow time (s)	0	0	0	0	0
Flaming molten droplets (Yes/No)	No	No	No	No	
Non-flaming molten droplets (Yes/No)	Yes	Yes	Yes	Yes	
Flaming debris (Yes/No)	No	No	No	No	
Non-flaming debris (Yes/No)	No	No	No	No	
White-hot spots with propagation effects (Yes/No)	No	No	No	No	

After testing, the following details are noted	1	2	3	4
Max. destruction length from the lower edge (cm)	13	12	12	13
Average length (cm)	12.5			
Max. width of the destroyed zones between 450mm and 600mm from the test piece lower edge (cm)	--	--	--	--
Average width (cm)	--			



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**ii) NF P 92-504:1995 Flame persistence test**

Back, Length

Number of ignition	After-flame time (s)	Flaming drops	Non-flaming drops	Number of ignition	After-flame time (s)	Flaming drops	Non-flaming drops
1	0	No	No	16	0	No	No
2	0	No	No	17	0	No	No
3	0	No	No	18	0	No	No
4	0	No	Yes	19	0	No	No
5	0	No	No	20	0	No	No
6	0	No	No	21	0	No	No
7	0	No	No	22	0	No	No
8	0	No	No	23	0	No	No
9	0	No	No	24	0	No	No
10	0	No	No	25	0	No	No
11	0	No	No	26	0	No	No
12	0	No	Yes	27	0	No	No
13	0	No	No	28	0	No	Yes
14	0	No	No	29	0	No	No
15	0	No	No	30	0	No	No
Number of samples				6			

**iii) NF P 92-505:1995 Dripping test**

Back

Specimen No.		1	2	3	4
Flaming molten droplets	(Yes/No)	No	No	No	No
Non-flaming molten droplets	(Yes/No)	Yes	Yes	Yes	Yes
Ignite the wadding	(Yes/No)	No	No	No	No



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**Annex I, Requirements**

Table 1 Resume of classification for flexible materials which thickness no more than 5mm

Test Items	Criteria of classification				
		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
<b>Test for hot melt materials</b>		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
<b>Electrical Burner Test</b> <sup>a)</sup>	No drops	Non-flaming molten droplets	Flaming drops or debris	Non-flaming molten droplets	Flaming drops or debris
Inflammation ≤ 5s	M1	M1	M2	M4	M4
Inflammation > 5s and Average destroyed length <350 mm	M2	M2	M3	M4	M4
Inflammation > 5s and Average destroyed width <90 mm between the 450 mm and 600 mm in length	M3	M3	M4	M4	M4
<b>Flame Spread Test</b> (flame spread <2 mm/s)			M4	M4	M4

<sup>a)</sup> If the materials presented a particular behaviour, the classification also need to refer to Table 3. The details of classification M0 refer to clause 3.3 of NF P 92-507:2004.

Table 3 Resume of classification for the materials presented a particular behaviour

Test Items	Criteria of classification				
		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
<b>Test for hot melt materials</b>		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
<b>Flame Persistence Test</b>	No drops	Non-flaming molten drops	Flaming drops or debris	Non-flaming molten drops	Flaming drops or debris
Flame persistence time≤2s	M1	M1	M2	M4	M4
Flame persistence time≤5s	M2	M2	M3	M4	M4
Flame persistence time >5s and Flame Spread <2 mm/s	M3	M3	M4	M4	M4



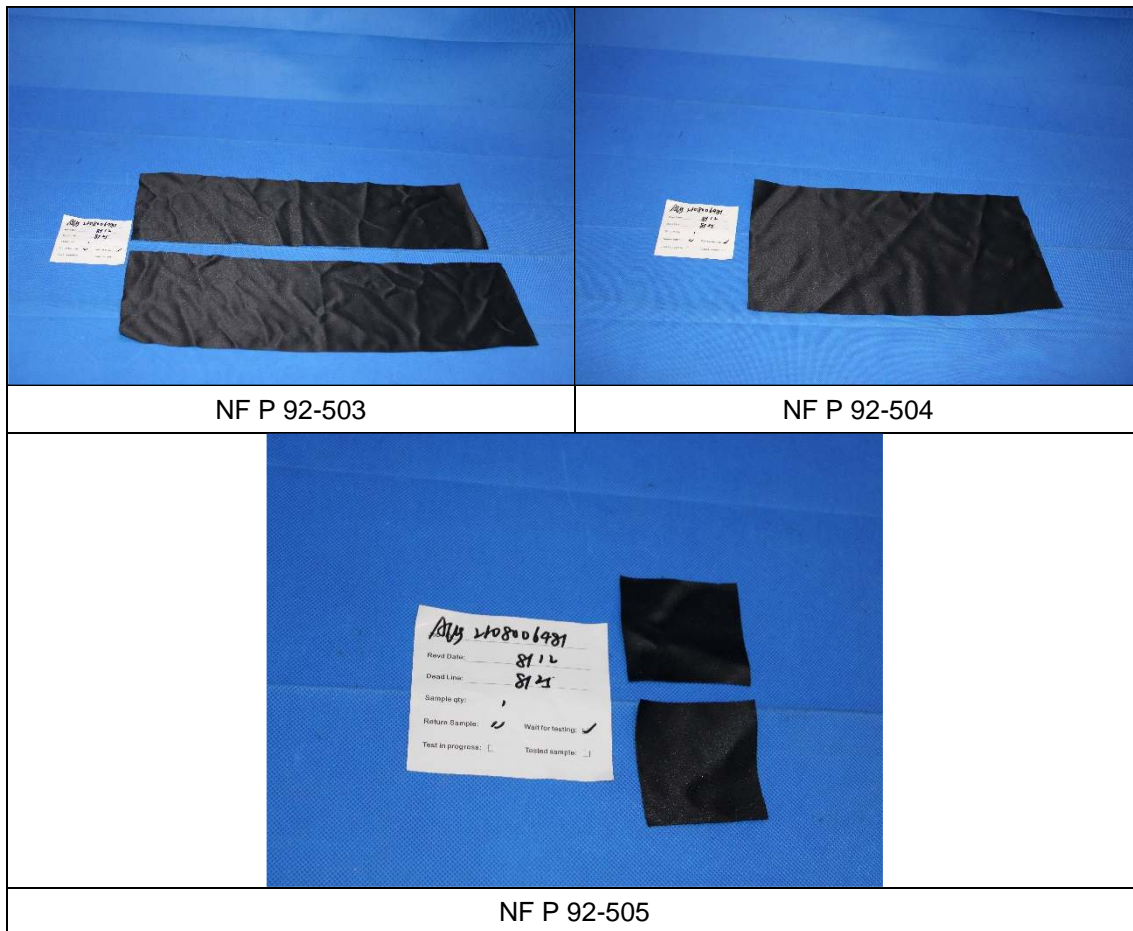


### STATEMENTS:

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.

The test results relate only to the specimens of the product in the form in which were tested. Small differences in the composition or thickness of the product may significantly affect the performance during the test and may therefore invalidate the test results. Care should be taken to ensure that any product, which is supplied or used, is fully represented by the specimens, which were tested.

### Photo Appendix:



SGS authenticate the photo on original report only

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