

WUJIANG CITY LINWANG TEXTILE MILLS
(BALI VILLAGE) SHENGZE TOWN PARK ROAD ON THE SOUTH SIDE WUJIANG DISTRICT, SUZHOU CITY, JIANGSU PROVINCE

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : WOVEN FABRIC: 100%POLYESTER IN CREAM

Buyer :
Sample Color : (A)cream
Composition : (A)100%polyester
Style No. : 7694 295
Retest : No

Sample Receiving Date : Jun 07, 2021
Testing Period : Jun 07, 2021 - Jun 18, 2021
Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant

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

Lucia Yang

Lucia Yang (Account Executive)



SGS-CSTC Standards Technical Services Co., Ltd.
Ningbo Branch Textile Laboratory

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Test Result

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	Gray
Area density	About 264 g/m ²
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)

IV. Test results

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

Width

During the testing, the following details are noted	1	2	3	4
Hole (Yes/No)	Yes	Yes	Yes	Yes
Max. afterflame time after withdrawal the pilot flame (s)	1	0	2	1
Afterglow time (s)	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
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Max. destruction length from the lower edge (cm)	14	14	14	15
Average length (cm)	14.3			
Max. width of the destroyed zones between 450mm and 600mm from the test piece lower edge (cm)	-	-	-	-
Average width (cm)	-			

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

Width

	1	2	3	4
Flame persistence after withdrawal the burner (Yes/No)	No	No	No	No
Flame persistence time (seconds)	0	0	0	0
Flaming molten droplets (Yes/No)	No	No	No	No
Non-flaming molten droplets (Yes/No)	No	No	No	No

iii) NF P 92-505:1995 Dripping test

Specimen No.	1	2	3	4	5	6	7	8
Flaming molten droplets (Yes/No)	No	No	No	No	No	No	No	No
Non-flaming molten droplets (Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ignite the wadding (Yes/No)	No	No	No	No	No	No	No	No

Annex I, Requirements

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

Test Items	Criteria of classification				
Test for hot melt materials		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
Electrical Burner Test ^{a)}	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



SGS-CTC (Shanghai) Technical Services Co., Ltd.
Ningbo Branch Textile Laboratory

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Flame Spread Test (flame spread < 2 mm/s)		M4	M4	M4
a) 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				
Test for hot melt materials		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
Flame Persistence Test	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.

Conclusion:

Classification: M1

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

*** This test was carried out by SGS-CSTC ANJI – FTS LABORATORY



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Sample Photo



End of Report



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