

SMD GROUP LTD
PITTMAN WAY
FULWOOD
PRESTON
LANCASHIRE
ENGLAND
PC: PR2 9ZD

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

Sample Description: HAMPTON

Density: VELVET

Style/Item No.: HAMPTON

Composition: %100 FR POLYESTER

P.O. / Ref No.: HAMPTON

End Use Application: DRAPES AND UPHOLSTERY

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 : JAN.29, 2019

Test Performing Date : JAN.29, 2019 TO FEB.03, 2019

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

Allen Zou
Technical Manager



SGS-CSTC Anji Branch
Anji Branch Harbin

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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	Brown
Area Density	About 595 g/m ²
Specimen size	About 600mm×180mm (NF P 92-503) & About 460mm×230mm (NF P 92-504) & About 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).

To be continued...



IV. Test results

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

Exposed face identification: Face, Orientation: Weft (if applicable)

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)	0	0	0	0
Afterglow time (s)	-	-	-	-
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)	16	16	16	16
Average length (cm)	16.0			
Max. width of the destroyed zones between 450mm and 600mm from the test piece lower edge (cm)	ND	ND	ND	ND
Average width (cm)	ND			

Remark: "ND" indicates Non-detected.

b) NF P 92-504:1995 Flame spread test

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

c) NF P 92-505:1995 Dripping test

	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

To be continued....



Annex I, Classification

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

Test Items	Criteria of classification				
<u>Thermal melting materials test</u>		No ignition of the wadding	No ignition of the wadding	Ignition of the wadding	Ignition of the wadding
<u>Electrical Burner Test</u> ^{a)}	No drops	Non-flaming molten droplets	Flaming drops or debris	Non-flaming molten droplets	Flaming drops or debris
Afterflame time ≤ 5s	M1	M1	M2	M4	M4
Afterflame time > 5s and Average destroyed length <350 mm	M2	M2	M3	M4	M4
Afterflame time > 5s and Average destroyed width <90 mm between the 450 mm and 600 mm in length	M3	M3	M4	M4	M4
<u>Flame Spread Test</u> (flame spread <2 mm/s)			M4	M4	M4

^{a)} If the materials presented a particular behaviour, the classification also needs 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				
<u>Test for hot melt materials</u>		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
<u>Flame spread Test</u>	No drops	Non-flaming molten droplets	Flaming drops or debris	Non-flaming molten droplets	Flaming drops or debris
Afterflame time≤2s	M1	M1	M2	M4	M4
Afterflame time≤5s	M2	M2	M3	M4	M4
Afterflame time>5s and Flame Spread<2 mm/s	M3	M3	M4	M4	M4

To be continued....



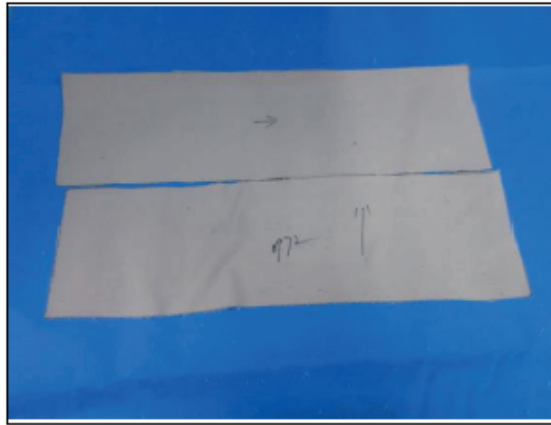
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STATEMENTS:

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:



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End of Report



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