Oxnorth

46 cromore road, portstewart, bt55 7pw

The following 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. results apply to the sample as received.

Sample Description: 550G WHITE POLYESTER FABRIC WITH PVC FIRE-RETARDANT

SGS Ref No.: AJHL1905001365OT

Style/Item No.: /

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: M2

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

Test Period:

Sample Receiving Date	:	MAY 30, 2019
Test Performing Date	:	MAY 30, 2019 TO JUN.12, 2019

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

Allen Zou
Lab Manager

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch Hardlines
No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgsgroup.com.cn
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编:313300 t (86-572) 5018825 f (86-572) 5018829 e sgs.china@sgs.com

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:

NF P 92-503:1995 Safety against fire—Building materials—Reaction to fire tests—Electrical burner test used for flexible materials.

II. Details of classified product

Sample description	Fabric
Color	White
Area Density	About 555 g/m^2
Specimen size	600mm×180mm

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

NF P 92-503:1995 Electrical burner test

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

During the testing, the following details are noted	Sample 1	Sample 2	Sample 3	Sample 4
Hole (Yes/No)	No	No	No	No
Max. afterflame time after withdrawal the pilot flame (s)	21	24	16	18
Afterglow time (s)	-	-	-	-
Flaming molten droplets (Yes/No)	No	No	No	No
Non-flaming molten droplets (Yes/No)	No	No	No	No
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

To be continued....

No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgsgroup.com.cn
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编:313300 t (86-572) 5018825 f (86-572) 5018829 e sgs.china@sgs.com

After testing, the following details are noted;	Sample 1	Sample 2	Sample 3	Sample 4
Max. destruction length from the lower edge (cm)	21	21	21	21
Average length (cm)	21.0			
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

Annex I, Classification

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

Test Items	Criteria of classification				
Test for hot melt materials		No ignition of the wadding	No ignition of the wadding	Ignition of the wadding	Ignition of 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
Flame Spread Test (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.

To be continued….

No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgsgroup.com.cn
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编:313300 t (86-572) 5018825 f (86-572) 5018829 e sgs.china@sgs.com

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:

This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

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.

To be continued....

No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgsgroup.com.cn

中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编:313300 t (86-572) 5018825 f (86-572) 5018829 e sgs.china@sgs.com

Photo Appendix:

SGS authenticate the photo on original report only

End of Report

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch Hardlines
No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgsgroup.com.cn
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编:313300 t (86-572) 5018825 f (86-572) 5018829 e sgs.china@sgs.com