

ZHEJIANG XINYIDA REINFORCED MATERIAL CO., LTD.

NO.33 YANZIDOU, YUANHUA TOWN, HAINING CITY, ZHEJIANG PROVINCE

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

Sample Description: PVC COATED CLOTH

Composition: PVC COMPOUND AND PET FIBER

Type/Style: 650

Thickness: 0.50mm

End use application: FOR TENT MANUFACTURING

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 : DEC.07, 2011

Test Performing Date : DEC.07, 2011 TO DEC.13, 2011

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



Allen Zou
Technical Supervisor

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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:

NF P92-503:1995 Safety against fire Building materials – Reaction to fire tests Electrical burner test used for flexible materials

II. Details of classified product

The details of the tested specimen given below have been prepared from information provided by the sponsor of the test. All values quoted are nominal, unless tolerances are given.

| | |
|---------------|---------------------------|
| Color | White |
| Density | About 650g/m ² |
| Specimen size | About 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 P92-503:1995 Electrical burner test

| During the testing, the following details are noted | Sample 1 | Sample 2 | Sample 3 | Sample 4 |
|---|----------|----------|----------|----------|
| Hole (Yes/No) | Yes | Yes | Yes | Yes |
| Max. afterflame time after withdrawal the pilot flame (s) | 107 | 132 | 111 | 79 |
| 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....

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| | | | | |
|---|----------|----------|----------|----------|
| After testing, the following details are noted; | Sample 1 | Sample 2 | Sample 3 | Sample 4 |
| Max. destruction length from the lower edge (cm) | 14 | 14 | 14 | 14 |
| Average length (cm) | 14 | | | |
| 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 | | | |

ND---Not detected

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 |
| Test for hot melt materials | | | | | |
| 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 need to refer to Table 3.
The details of classification M0 refer to clause 3.3 of NF P 92-507:2004.

To be continued....

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

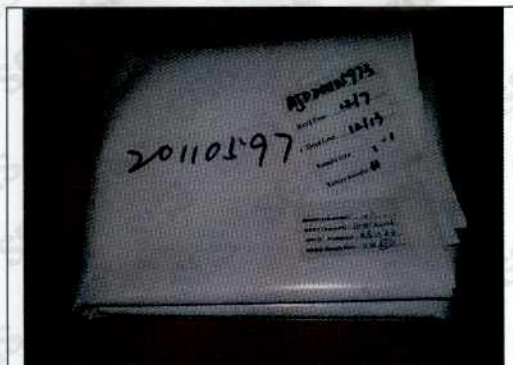
| Test Items | Criteria of classification | | | | |
|---|----------------------------|--------------------------|-------------------------|--------------------------|-------------------------|
| | | Not ignite the wadding | Not ignite the wadding | Ignite the wadding | Ignite the wadding |
| Test for hot melt materials | | | | | |
| 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.

Photo Appendix:



End of Report

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