



Silver Vue
Duo Vue
Brit
Triad

Test Report

No. HZ1111462/TX

Date: Apr 7, 2011

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NINGBO XIANFENG NEW MATERIAL CO., LTD
SHANXIA VILLAGE, JISHIGANG TOWN, YINZHOU DISTRICT, NINGBO, CHINA

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

Sample Description : Two samples of PVC coated screen-APLUS: 70% PVC, 30% polyester in (A) white (B) beige for windows shading system

Style No. : T10-3001; A5-4048

Manufacturer : Ningbo Xianfeng New Material Co., Ltd

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

* * * * *

Sample Receiving Date : MAR. 29, 2011

Test Period Date : MAR. 29, 2011- APR. 07, 2011

Test Result(s) : For further details, please refer to the following page(s).

Signed for and on behalf of
SGS-CSTC Ltd.


Alex Wang (Account Executive)

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HZTX 837311

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Test Result

I. Test Conducted*

This test was conducted in accordance with test method 1 of NFPA 701:2010 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

II. Details of tested sample

Materials	Fabric
Color	1. Sample A: White; 2. Sample B: Beige
Area Density	1. Sample A: About 400g/m ² ; 2. Sample B: About 525g/m ²
Products configuration	Single layer
Size of sample *	150mm × 400mm 10pcs

* With the length parallel to the lengthwise direction of the material

III. Conditioning

Prior to testing, the sample was conditioned,

at least 30 minutes at 105°C±3°C (220°F±5°F)

IV. Test results

1) Sample A

Specimen No	Mass of specimen Before test (g)	Mass of specimen After test (g)	Mass loss (Percent)	After flame time (s)	Burning time on floor (s)
1	24.00	21.64	9.8	0.0	0.0
2	23.86	21.62	9.4	2.8	0.0
3	23.91	22.37	6.4	0.0	0.0
4	24.32	21.98	9.6	0.0	0.0
5	24.16	22.34	7.5	2.4	0.0
6	23.76	22.54	5.1	0.0	0.0
7	23.85	22.09	7.4	0.0	0.0
8	24.06	22.81	5.2	1.8	0.0
9	23.96	22.64	5.5	0.0	0.0
10	24.11	22.34	7.3	2.6	0.0
Mean	24.00	22.24	7.3	1.1	0.0

SD = 1.8

3SD = 5.4

Mean + 3SD = 12.7 SD – Standards deviation

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Observations:

Vigorousness of burning	No
Material molten dripping	No
Odor smoke	Yes

2) Sample B

Specimen No.	Mass of specimen Before test (g)	Mass of specimen After test (g)	Mass loss (Percent)	After flame time (s)	Burning time on floor (s)
1	31.50	29.61	6.0	3.6	0.0
2	31.08	28.84	7.2	0.0	0.0
3	31.92	29.11	8.8	0.0	0.0
4	32.13	29.85	7.1	2.9	0.0
5	31.82	28.79	9.5	4.1	0.0
6	32.26	29.76	7.7	0.0	0.0
7	30.93	29.46	4.8	0.0	0.0
8	32.07	28.78	10.3	2.6	0.0
9	30.84	28.86	6.4	5.2	0.0
10	30.64	29.04	5.2	0.0	0.0
Mean	31.52	29.21	7.3	1.8	0.0

SD = 1.8

3SD = 5.4

Mean + 3SD = 12.7 SD - Standards deviation

Observations:

Vigorousness of burning	No
Material molten dripping	No
Odor smoke	Yes

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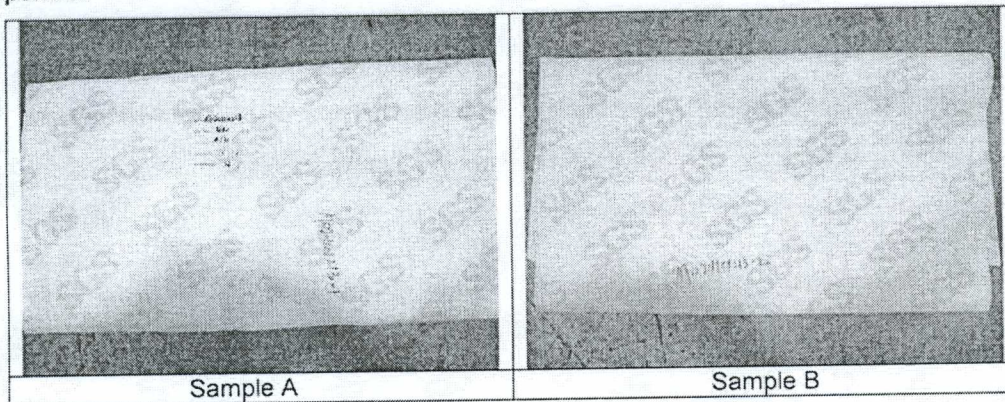
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Criteria for test method 1 (Chapter 10):

1. Fragments or residues of specimens that fall to the floor of the test chamber shall not continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimen.
2. The average weight loss of the 10 specimen in a sample shall be 40 percent or less.
3. No individual specimen's percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens.
4. When a retest is required, no individual specimen's percent mass loss in the second set of specimens shall deviate from the mean value by more than 3 standard deviations calculated for the second set.
5. When a sample does not demonstrate passing performance in accordance with all of the conditions indicated above, the material shall be recorded as having failed Test Method 1.

Conclusion: The tested sample "As received" **meets** the requirements of Test Method 1 of NFPA 701:2010

Photo Appendix:



* This test was carried out by SGS A.J. Laboratory

End of Report

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