



中国认可
国际互认
检测
TESTING
CNAS L4743

Test Report

Report No.: AJFS2312012633FF-01 Date: JAN.04, 2024 Page 1 of 3

SOYANG TECHNICAL TEXTILE (ZHEJIANG) CO., LTD

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Sample Description: PREMIUM FRONTLIT BANNER

SGS Ref No.: CZHL2312009632HI

Style No.: B02-440

P.O. / Ref No.: 233110

The above 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 arising therefrom. Results apply to the sample as received.

Test Requested:

NFPA 701:2023 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 1.

Test Results: -- See attached sheet --

Conclusion: The tested sample "as received" **passes** the test method 1 of NFPA 701:2023.

Test Period:

Sample Receiving Date : DEC.27, 2023

Test Performing Date : DEC.27, 2023 TO JAN.03, 2024

Signed for and on behalf of

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch

Echo Li
Approved Signatory



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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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Test Conducted

The test was conducted in accordance with NFPA 701:2023 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 1.

Test Specimen

Description	Fabric
Color	White
Area density	476 g/m ²
Size of specimen	400 mm × 150 mm
Exposed surface	Marking surface

Conditioning

Cleaning procedure: none

Prior to testing, the specimens were dried in oven at 105°C±3°C for 30 min.

Test Result

Specimen No.	Mass before test (g)	Mass after test (g)	Mass loss (%)	After flame time (s)	Burn time of fragments or residues (s)
1	30.12	27.57	8.47	0	0
2	29.92	28.94	3.28	0	0
3	30.04	27.50	8.46	0	0
4	29.91	28.83	3.61	0	0
5	29.78	28.56	4.10	0	0
6	29.86	28.51	4.52	0	0
7	30.07	28.62	4.82	0	0
8	29.98	28.63	4.50	0	0
9	29.89	28.74	3.85	0	0
10	29.86	28.59	4.25	0	0
Average	29.94	28.45	4.99	0	0

SD =1.89 3SD =5.67 Mean + 3SD =10.66

SD – Standards deviation



Observations:

Vigorous burning (Yes/No)	Molten droplets or debris (Yes/No)	Odor smoke (Yes/No)
No	No	Yes

Performance 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 specimens.
- 2) The average weight loss of the 10 specimens 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.

Remark: As per client's request, PVC coated specimens were tested in accordance with method 1 of the standard. Results of these PVC coated specimens are for reference only.

Statement: 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.

Photo Appendix:



SGS authenticate the photo on original report only

End of Report

