



Test Report

Report No.: AJFS2306005626FF

Date: JUL.05, 2023

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TEXTSTYLE

NO.8 HUIISHI ROAD, JI SHIGANG TOWN HAISHU DISTRICT NINGBO ZHEJIANG CHINA 315127

Sample Description: SUNSCREEN

Color: WHITE

Composition: 30% POLYESTER, 70% PVC

Style/Item No.: /

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 701:2019 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 701:2019.

Test Period:

Sample Receiving Date : JUN.29, 2023

Test Performing Date : JUN.29, 2023 TO JUL.05, 2023

Signed for and on behalf of

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

Echo

Echo Li

Approved Signatory



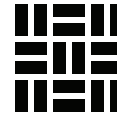
SGS-CSTC Standards Technical Services Co., Ltd.
Anji Branch Fire Technology Service

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I. Test Conducted

The test was conducted in accordance with NFPA 701:2019 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 1.

II. Test Specimen

Description	Fabric
Color	White
Area density	484 g/m ²
Material configuration	Single layer
Size of specimen	400 mm × 150 mm
Exposed surface	Any surface

Conditioning

Cleaning procedure: none

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

III. 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	30.62	30.11	1.67	2.3	0
2	31.25	30.92	1.06	0	0
3	31.35	31.11	0.77	0	0
4	31.71	31.25	1.45	0	0
5	31.82	31.40	1.32	0	0
6	30.89	30.26	2.04	0	0
7	31.17	30.48	2.21	1.6	0
8	31.42	30.82	1.91	0	0
9	31.09	30.57	1.67	0	0
10	31.28	30.66	1.98	0	0
Average	31.26	30.76	1.61	0.4	0

SD = 0.46 3SD = 1.38 Mean + 3SD = 2.99

SD – Standards deviation



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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.

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



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