



中国认可  
国际互认  
检测  
TESTING  
CNAS L4743

**Test Report**

Report No.: AJFS2312011592FF

Date: DEC.13, 2023

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**SOYANG TECHNICAL TEXTILE(ZHEJIANG) CO., LTD**

NO.36 JINNIU ROAD, JIANSAN DISTRICT, HAINING CITY, ZHEJIANG PR., CHINA

**Sample Description:** ECONOMIC BLOCKOUT BANNERT FABRIC

**SGS Ref No.:** CZHL2312008905SD

**Style No.:** BLO-410

**P.O. / Ref No.:** 233130

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.06, 2023

Test Performing Date : DEC.06, 2023 TO DEC.12, 2023

Signed for and on behalf of

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

Echo Li

Approved Signatory

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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	412 g/m <sup>2</sup>
Size of specimen	400 mm × 150 mm
Exposed surface	Coated 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	27.65	25.71	7.02	0	0
2	27.25	25.20	7.52	0	0
3	26.35	24.24	8.01	0	0
4	26.78	25.08	6.35	0	0
5	26.72	24.84	7.04	0	0
6	26.41	24.53	7.12	0	0
7	26.29	24.42	7.11	0	0
8	26.63	24.85	6.68	0	0
9	26.60	24.89	6.43	0	0
10	27.31	24.42	10.58	0	0
Average	26.80	24.82	7.39	0	0

SD =1.22 3SD =3.66 Mean + 3SD =11.05

SD – Standards deviation



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**Observations:**

Vigorous burning (Yes/No)	Molten droplets or debris (Yes/No)	Odor smoke (Yes/No)
No	Yes	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 fabric specimens were tested in accordance with method 1 of the standard. Results of these PVC coated fabric 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\*\*\*

