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检测  
TESTING  
CNAS L4743

## Test Report

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SOYANG TECHNICAL TEXTILE (ZHEJIANG) CO., LTD

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

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**Sample Description:** PREMIUM BLOCKOUT FABRIC

**SGS Ref No.:** CZHL2312009283SD

**Style No.:** BLO-610

**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.

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### **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

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	692 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	41.07	40.51	1.36	0	0
2	41.43	40.01	3.43	0	0
3	41.29	39.95	3.25	0	0
4	41.45	40.12	3.21	0	0
5	41.09	40.37	1.75	0	0
6	41.12	40.48	1.56	0	0
7	41.27	40.08	2.88	0	0
8	41.23	40.29	2.28	0	0
9	41.38	40.15	2.97	0	0
10	41.34	40.31	2.49	0	0
Average	41.27	40.23	2.52	0	0

SD =0.75 3SD =2.25 Mean + 3SD =4.77

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.

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\*\*\*

