



中国认可
国际互认
检测
TESTING
CNAS L6069



Test Report

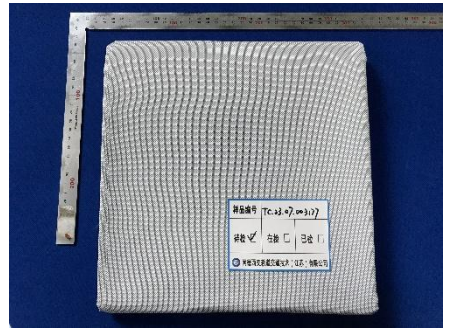
Report No. TC.23.07.003177

Date of Issue 07/14/2023

Applicant: BESTEX TECHNICAL TEXTILE CO., LTD

Applicant address: No.82FuyangRoad, Tianning District, Changzhou, Jiangsu

Description of the test subject:

Sample	Description	Photo
001	Sample Description: fiberglass sunscreen Style No.:2005BN	

Receipt Date of Sample: 07/10/2023

Date of Testing: From 07/10/2023 to 07/13/2023

Sample Submitted: The sample(s) was (were) submitted by applicant and identified.

Conclusion:

Test Items			Conclusion
No.	Items	Standard	
1	Burning Behaviour	NFPA 701:2019 Method 1	Pass

Note: (1) The TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd. General Terms & Conditions applied, for full content please visit <https://www.tuvsud.cn/zh-cn/terms-and-conditions>. (2) The results relate only to the sample(s) as received. (3) The test report shall not be reproduced except in full without the written approval of the company.

Laboratory:
TÜV SÜD SW Rail Transportation
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Test Results

NFPA 701:2019 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films- Method 1

1. Sample description

Sample details	150mm × 400mm 10pcs 456.5 g/m ²
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Conditioning	at least 30 minutes at 105°C±3°C
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2. Test results

Specimen No.	Mass of specimen Before test (g)	Mass of specimen After test (g)	Mass loss (Percent)	After flame time (s)	Fragments or residues of specimens that fall to the floor (s)
1	27.3	24.1	11.7	0	--
2	27.2	24.0	11.8	0	--
3	27.1	23.9	11.8	0	--
4	27.3	23.8	12.8	0	--
5	27.2	24.1	11.4	0	--
6	27.0	23.8	11.9	0	--
7	27.2	23.7	12.9	0	--
8	27.3	23.8	12.8	0	--
9	27.1	23.7	12.5	0	--
10	27.2	23.7	12.9	0	--
Average	--	--	12.2	0	--
Standard Deviations	--	--	0.6	--	--

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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 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.

Conclusion: The tested sample "As received" **meets** the requirements of Test Method 1 of NFPA 701:2019.

Statement: The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential smoke and toxicity hazard of the product in use. Test results are just for internal reference.

TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd.

Drafted by:

Jinqiang Zhou

Approved by:

Wayne Wang

-End of Report-

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