

Test Report

No. AJFS2109007706FF

Date: SEP.14, 2021

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SHAOXIONG BIGU TEXTILES CO., LTD.

ROOM 201, FLOOR 2, NO.92-4 QISHENG ROAD, MASHAN STREET, YUECHENG DISTRICT,
SHAOXING, ZHEJIANG, CHINA

Sample Description: INHERENT FLAME RETARDANT POLYESTER BRUSHED WARP
KNITTING FABRICS

Color: BLACK

Style/Item No.: /

Composition: POLYESTER

Manufacturer: SHAOXING BEGOODTEX CO., LTD.

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:

CAN/ULC-S109-14 standard method for flame tests of flame-resistant fabrics and films, clause 4.4
LARGE-FLAME TEST.

Test Results: -- See attached sheet --

Conclusion: The tested sample "As received" **meets** the large flame test performance requirements.

Test Period:

Sample Receiving Date : SEP.07, 2021

Test Performing Date : SEP.07, 2021 TO SEP.13, 2021

Signed for and on behalf of

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



Allen Zou
Approved Signatory

scan to see the report



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I. Test conducted

This test is conducted according to CAN/ULC-S109-14 Flame Tests of Flame-Resistant Fabrics and Films, clause 4.4 LARGE-FLAME TEST.

Cleaning and weathering procedure: None

Conditioning: Prior to testing, the sample was conditioned half an hour at 105°C±3°C.

II. Details of product

Sample Description	Fabric
Color	Black
Area density	About 326 g/m ²
Products configuration	Single layer
Specimen size	625mm×1200mm ;125mm×1200mm

III. Test Results

Specimen No. (Single-sheet specimens)		After flame time (s)	Afterglow time (s)	Damage length above the tip of the test flame (mm)	Drops burning time (fall to the floor)
Lengthwise	1	0	0	47	0
	2	0	0	49	0
	3	0	0	52	0
	4	0	0	45	0
	5	0	0	41	0
Widthwise	6	0	0	46	0
	7	0	0	50	0
	8	0	0	47	0
	9	0	0	42	0
	10	0	0	46	0
Average		0	0	47	0

Specimen No. (Folded specimens)		After flame time (s)	Afterglow time (s)	Damage length above the tip of the test flame (mm)	Drops burning time (fall to the floor)
Lengthwise	1	0	0	52	0
	2	0	0	49	0
Widthwise	3	0	0	54	0
	4	0	0	50	0
Average		0	0	51	0

To be continued...



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Large-flame test performance requirements (Clause 6.1&6.3):

- 1). Portions or residues of the material which break or drip from the test specimens shall not continue to flame for more than 2 s on the floor beneath the test enclosure.
- 2). The surface spread of flame in folded specimens shall not exceed 635 mm above the tip of the test flame, but the afterglow may spread in the folds. This surface spread shall be measured as the distance from the tip of the test flame to a horizontal line above which all material is sound and in apparently original condition, except for possible smoke deposits.
- 3). The vertical spread of flame and afterglow (smouldering combustion) in single-sheet specimens, as indicated by the damaged length above the tip of the test flame, shall not exceed 250 mm. The damaged length is the vertical distance from the tip of the test flame to a horizontal line above which all material is sound and in apparently original condition, except for possible smoke deposits.
- 4). Fabrics or films for interior uses shall comply with the foregoing requirements after being subjected to ten cycles of the specific type or types of cleaning recommended by the manufacturer. Material indicated as being suitable for laundering or dry cleaning shall be subjected to the applicable requirements in Subsection 7.2, Laundering, and Subsection 7.3, Dry Cleaning.
- 5). Fabrics or films intended for exposure to the weather shall comply with the foregoing requirements after being subjected to the requirements in Subsection 7.4, Water Leaching, Subsection 7.5, Scrubbing, and Subsection 7.6, Accelerated Weathering.

STATEMENTS:

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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