

## Test Report

Report No.: AJFS2209007260FF

Date: SEP.19, 2022

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SHAOXING BIGU TEXTILES CO., LTD

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

**Sample Description:** INHERENT FLAME RETARDANT DUVENTS(POLYESTER+COTTON)

**Color:** CREAM

**Composition:** POLYESTER+COTTON

**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.

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**Test Requested:**

BS 7175:1989 Methods of test for the ignitability of bedcovers and pillows by smouldering and flaming ignition sources, Section two - Pillows and continental quilts tested with smouldering and flaming ignition sources, ignition source 7.

**Test Results:** -- See attached sheet --

**Conclusion:** Section 2, Ignition source 7 Crib 7: Non-ignition.

**Test Period:**

Sample Receiving Date : SEP.09, 2022

Test Performing Date : SEP.09, 2022 TO SEP.16, 2022

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**

The test was conducted in accordance with BS 7175:1989 Methods of test for the ignitability of bedcovers and pillows by smouldering and flaming ignition sources, Section two - Pillows and continental quilts tested with smouldering and flaming ignition sources, ignition source 7.

**II. Test Specimen**

Description	Quilt
Color	Beige
Size of specimen	650 mm x 650 mm

**Conditioning:**

Prior to testing, the specimens and cribs were conditioned for 72 h in indoor ambient conditions and then for at least 16 h in an atmosphere having a temperature of 20±5°C and a relative humidity of 65±5%.

**III. Test Result**

The following test results relate only to the ignitability of the complete item under the particular conditions of test stated; they are not intended as a means of test stated the full potential fire hazard of the materials or products in use.

Clause 3.1 General For the purposes of this British Standard, ignition is considered to be initiation of combustion of the test specimen followed by sustained combustion as indicated by one of the following types of behaviour.	Ignition source position			
	a		b	
	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>
(a) Extensive combustion. The test specimen is essentially consumed within the specified time *, i.e. the length of specimen consumed is greater than 400 mm in any two orthogonal directions.	No	No	No	No
(b) Flaming combustion. Any flaming of the test specimen initiated by the smouldering cigarette (ignition source 0), or any flaming of test specimen at the specified time * when using flaming ignition source (1~7).	No	No	No	No
(c) Progressive smouldering. Any smouldering of the test specimen producing detectable amounts of glow, heat or smoke at the specified time *.	No	No	No	No
(d) Concealed smouldering. Any smouldering which can not be detected externally because of the thickness or structure of the test specimen but which is detected on dismantling the test specimen 60 min after placement of the ignition source.	No	No	No	No

\* Explanation of “the specified time” (clause 3.2)

For crib ignition sources 6 to 7, 13 min after ignition of the crib.



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**Result Details:**

Ignition source 7: crib 7					
Ignition source position		a		b	
Test No.		1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>
Progressive smouldering (PS) or Flaming (F)		No	No	No	No
Duration of	Ignition source (min, s)	5 min 21 s	5 min 16 s	5 min 30 s	5 min 24 s
	Flames (min, s)	6 min 08 s	6 min 21 s	3 min 02 s	2 min 39 s
	Smoke (min, s)	7 min 01 s	7 min 10 s	5 min 59 s	6 min 07 s
Extent of damage	Length (mm)	194	197	217	222
Final examination of progressive smouldering		No	No	No	No
Reason for failure		--	--	--	--
Comments & observations		No	No	No	No
Test result (Ignition (I) / Non-ignition (NI))		NI	NI	NI	NI

Reference of Ignition source position:

a -- On flat upper surface,

b -- Beneath overhang 100 mm for crib 7, with the centerline of ignition source directly in line with overhang.

**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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