The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description	:	SILICONE FABRIC(LIGHT BROWN)
SKU No	:	SN-40
Sample Color	:	(A)light brown
Style No.	:	SN-40
Retest	:	No
Proposed Care Instruction	:	
Sample Receiving Date	:	Jan 09, 2026
Testing Period	:	Jan 14, 2026 - Jan 26, 2026
Test Result(s)	:	Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).
Test Performed	:	Selected test(s) as requested by applicant

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Ningbo) Co., Ltd.

Rita Chen

Rita Chen (Account Executive)

Test Result

Colour Fastness To Rubbing

(ISO 105-X12:2016;Size of rubbing finger: 16mm dia.)

As Received

-	Unit	A	Requirement
Dry Staining	Grade	4-5	-
Wet Staining	Grade	4-5	-

Remark: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is worst and 5 is best.

Water Resistance(Hydrostatic Head)

(ISO 811:2018;Hydrostatic Head; Rate of increase of water pressure: 60 cmH2O/min, temp. of distilled water: 20°C, Face Side Facing Water)

A

As Received	No. 1	No. 2	No. 3	No. 4	No. 5	Average	Requirement
Water Column(mmH2O)	484	501	493	485	499	492	-

Methods of test for assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources***

(BS 5852:2006, Clause 11, for Upholstered composites)
Sample: (A)

Conditioning:

Prior to testing the sample was, and all materials were conditioned at least 72h in indoor ambient conditions and 24h in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%.

Test results

The following test results relate only to the ignitability of the combination of upholstery composites (BS 5852:2006, Clause 11) under the particular conditions of test stated; They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

Ignition source	5	
Test No.	1st	2nd
Clause 4.1.1 Progressive smouldering criteria		
4.1.1 a) Any test specimen that displays escalating smouldering combustion behaviour so that it is unsafe to continue the test and forcible extinction is required;	NO	N/C
4.1.1 b) For the smouldering cigarette source 0: any test specimen that produces externally detectable amounts of smoke, heat or glowing within the period from the extinction of the source until 60 min after placement of	N/A	N/C

the source;		
4.1.1 c) For all flaming ignition sources: any test specimen that smoulders until it is essentially consumed or that smoulders to the extremities of the specimen, i.e. to either side or to/through the full thickness of the specimen, within the duration of the test;	NO	N/C
4.1.1 d) For flaming ignition sources 1, 2 and 3: any test specimen that produces externally detectable amounts of smoke, heat or glowing 15 min after removal of the burner tube;	N/A	N/C
4.1.1 e) for flaming ignition sources 4, 5, 6 and 7: any test specimen that produces externally detectable amounts of smoke, heat or glowing 60 min after ignition of the crib;	NO	N/C
4.1.1 f) Any test specimen that, on final examination, shows evidence of charring within the filling (other than discoloration) more than 100 mm in any direction, apart from upwards, from the nearest part of the original position of the source.	NO	N/C
Clause 4.2.1 Flaming criteria		
4.2.1 a) Any test specimen that displays escalating flaming combustion behaviour so that it is unsafe to continue the test and forcible extinction is required;	NO	N/C
4.2.1 b) Any test specimen that burns until it is essentially consumed within the test duration;	YES	N/C
4.2.1 c) Any test specimen on which any flame front reaches the extremities of the specimen other than the top of the vertical part of the test specimen within the duration of the test; any test specimen on which any flame front passes through the full thickness of the specimen within the duration of the test;	N/A	N/C
4.2.1 d) For flaming ignition sources 1, 2 and 3: any test specimen that continues to flame for more than 120 s after removal of the burner tube or in which the flame front spreads past a vertical line 100 mm from the tip of the burner tube; any test specimen in which the flame front spreads past a vertical line 100 mm from the tip of the burner tube;	N/A	N/C
4.2.1 e) For flaming ignition sources 4 and 5: any test specimen that continues to flame for more than 10 min after ignition of the crib;	N/A	N/C
4.2.1 f) For flaming ignition sources 6 and 7: any test specimen that continues to flame for more than 13 min after ignition of the crib;	N/A	N/C
4.2.1 g) For all sources: any test specimen from which flaming debris causes an isolated floor fire that continues to flame for longer than the time given in d), e) or f).	N/A	N/C

Test Details

Specimen No.		1st	2nd
Duration of	Ignition source (min, sec)	2min23sec	N/C

	Flames (min, sec)	8min22sec	N/C
	Smoke	12min21sec	N/C
Extent of damage to horizontal component (mm)	Width	450	N/C
	Length	295	N/C
	Depth	75	N/C
Extent of damage to vertical component (mm)	Width	450	N/C
	Depth	75	N/C
Final examination of progressive smouldering (Clause 13)		NO	N/C
Reason for failure (Refer to failure No.)		4.2.1(b)	
Overall result		Ignition	

Remark:

N/A: Not applicable N/C: Not conduct #: Forcibly extinguished

Note: At the request of the client, the sample was tested in combination with flame retardant conventional polyurethane foam with a density of 24-26 kg/ m³, which is provided by the laboratory.

Conclusion

According to the above test results, the ignitability performance of the tested sample would be designated:

BS 5852:2006, Clause 11, ,I/5

*** **This test was carried out by SGS-CSTC CHANGZHOU–SOFTLINE LABORATORY.**

Sample Photo



End of Report