

SHANGHAI ZANLEI CLOTHING CO.,LTD

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

Sample Description : (A)Woven fabric

Sample Color : (A)Black

Sample Receiving Date : Mar 24, 2023

Testing Period : Mar 24, 2023 - Mar 31, 2023

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 Co., Ltd. Hangzhou Branch

Jack Zhang

jack-yl_zhang(Account Executive)



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Hangzhou Branch Textile Laboratory.

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Test Result

The UK Regulations: Flammability Test for Furniture and Furnishings

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No. 1324 (Amended in 1989, 1993 and 2010); Schedule 4 Part I, Cigarette test for visible covers; Smouldering cigarette test (Ignition source 0) as specified in BS 5852: Part 1:1979; Schedule 5 Part I, Match test for visible covers; Butane flame test (Ignition source 1) as specified in BS 5852: Part 1:1979

Pretreatment

Water Soaking Procedure: As specified in BS 5651:1978 and modified by this Regulations 1988 S.I. No. 1324 (amended 1989, 1993 and 2010), water soak at 40±1°C for 30min, line dry.

Conditioning Procedure: Conditioned 72 h in indoor ambient conditions and 16 h in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%.

Test results

The following test results relate only to the ignitability of the combination of materials under the particular condition of test. They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

Cigarette test (BS 5852: Part 1:1979)

Test No.	1 st	2 nd
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Cigarette test criteria

Clause 9.2.3: Any evidence of progressive smouldering or flaming in the interior and/or cover;	NO	NO
Clause 9.2.4: Progressive smouldering or flaming of the upholstery components is observed at any time within a period of 1 hour of the placement of cigarette;	NO	NO
Clause 9.4: On the final examination, progressive smouldering is observed after assembly dismantled.	NO	NO

Cigarette test record

Duration of (min, s)	Ignition source	5min16s*	4min18s*
	Flames	0s	0s
	Smoke	5min52s	4min50s
Progressive smouldering (PS) or Flaming (F)		NO	NO
Final examination of progressive smouldering (Clause 9.4 of BS 5852: Part 1:1979)		NO	NO
Reason for failure (Ref to failure code)		NA	NA
Overall result		PASS	PASS



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Match test (BS 5852: Part 1:1979)

Test No.	1 st	2 nd
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Match test criteria

Clause 9.3.4: Any evidence of flaming or progressive smouldering in the interior and/or cover for more than 120s after the removal of the burner tube;	NO	NO
Clause 9.4: On the final examination, progressive smouldering is observed after assembly dismantled.	NO	NO

Match test record

Duration of (min, s)	Ignition source (20±1s)	20s	20s
	Flames (after removal of burner tube)	1s	2s
	Smoke (after removal of burner tube)	32s	38s
Progressive smouldering (PS) or Flaming (F) (after 120s removal of burner tube)		NO	NO
Final examination of progressive smouldering (Clause 9.4 of BS 5852: Part 1:1979)		NO	NO
Reason for failure (Ref to failure code)		NA	NA
Overall result		PASS	PASS

Remark: NA—Not Applicable; NC—Not Conduct; #—Forcibly extinguished; *—Cigarette self-extinguishes
The submitted sample was tested in combination with standard worse case scenario non-flame retardant conventional polyurethane foam as specified in FFFSR.

Conclusion

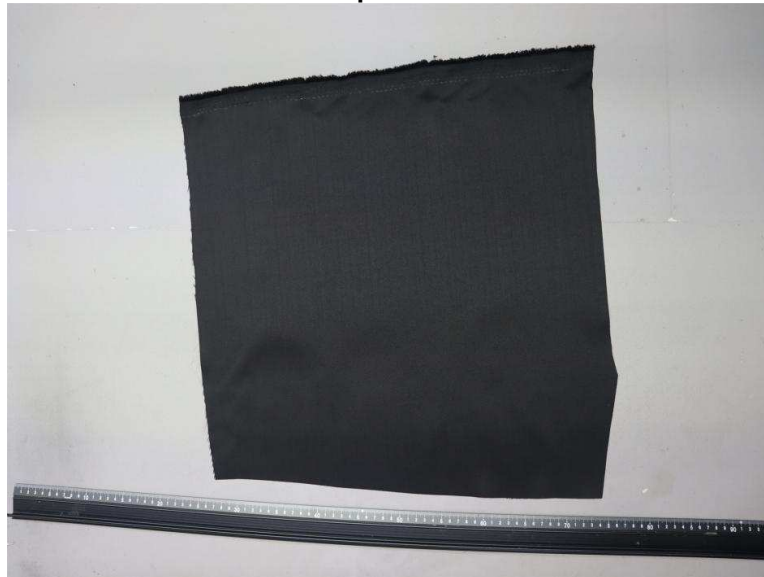
The tested sample **Meets** the Requirements of Schedule 4 Part I and Schedule 5 Part I in Statutory Instrument 1988 No. 1324 (Amended 1989, 1993 and 2010) the Furniture and Furnishings (Fire) (Safety) Regulations.

Details of sample

Sample description	Black woven fabric
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Note: Photo Appendix is attached

Sample Photo



End of Report



SGS-CSTC 杭洲分公司
Hangzhou Branch Textile Laboratory

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