

Test Report

Report No.: AJFS2307006163FF

Date: JUL.20, 2023

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DOREL HOME FURNISHINGS EUROPE LTD

BUILDING 4, IMPERIAL PLACE, MAXWELL ROAD, BOREHAMWOOD, HERTFORDSHIRE. WD6 1JN

Sample Description: HENGLIN UKFR MESH

SGS Ref No.: AJHL2307002512OT

Ref. No/Item No.: AOC98368M-BLK/PENNY - MESH OPS CHAIR BLACK - JLP

Supplier: DOREL HOME FURNISHINGS EUROPE LTD

Buyer: JOHN LEWIS PARTNERSHIP UK

Manufacturer: HENGLIN FACTORY

Country of Origin: CHINA

Country of Destination: UK

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:

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No.1324 (amended 1989,1993 and 2010), Schedule 4 Part I Cigarette test for cover fabrics and Schedule 5 Part I Match test for cover fabrics. As specified in above standard(s) and incorporated with using ignition source 0 and 1 of BS 5852 Part 1:1979.

Test Results: -- See attached sheet --

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.

Test Period:

Sample Receiving Date : JUL.13, 2023
Test Performing Date : JUL.13, 2023 TO JUL.19, 2023

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch

Echo Li
Approved Signatory

scan to see the report



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Test Conducted

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No. 1324 (amended 1989, 1993 and 2010), Schedule 4 Part I Cigarette test for cover fabrics and Schedule 5 Part I Match test for cover fabrics. Smouldering cigarette test(ignition source 0) and Butane flame test(ignition source 1) of BS 5852 Part 1:1979.

Conditioning

The specimens were cleansed using a water-soak procedure at 40±1°C as described in BS 5651:1978 and modified by this Regulations 1988 S.I. No. 1324 (amended 1989, 1993 and 2010) Schedule 4 Part I and Schedule 5 Part I.

The specimens were conditioned immediately before the test 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 50±20%.

At time of testing: Temperature between 15°C ~ 30°C and Relative humidity between 20% ~ 70%.

Test Result

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 in use.

(A) Smouldering cigarette test criteria (BS 5852 Part 1:1979)	1 st	2 nd
Clause 9.2.3 Whether the evidence of progressive smouldering or flaming is observed in the interior and/or cover	No	No
Clause 9.2.4 Whether progressive smouldering or flaming of the sample is observed at any time within one hour of placement of the cigarette	No	No
Clause 9.2.5 Whether progressive smouldering is observed on final examination when dismantle assembly and examine internally	No	No
(B) Butane flame test criteria (BS 5852 Part 1:1979)	1 st	2 nd
Clause 9.3.4 Whether the evidence of flaming or progressive smouldering in the interior and/or cover is observed beyond 120s of the removal of the burner tube	No	No
Clause 9.4 On final examination whether progressive smouldering is observed when dismantle assembly and examine internally	No	No



Result Details

Cigarette Test			
Test No.		1 st	2 nd
Progressive smouldering (PS) or Flaming (F)		No	No
Duration of	Ignition source (min, s)	21 min 44 s	22 min 05 s
	Flames (min, s)	0 s	0 s
	Smoke (min, s)	21 min 53 s	22 min 17 s
Final examination of progressive smouldering (9.4)		No	No
Reason for failure (Ref to failure code)		--	--
Comments & observations		No	No
Overall Result		Pass	Pass

Match Test			
Test No.		1 st	2 nd
Progressive smouldering (PS) or Flaming (F)		No	No
Duration of	Ignition source (19-21 s)	20 s	20 s
	After flames (min, s)	0 s	0 s
	Smoke (min, s)	26 s	29 s
Final examination of progressive smouldering (9.4)		No	No
Reason for failure (Ref to failure code)		--	--
Comments & observations		No	No
Overall Result		Pass	Pass

Remark: The submitted sample was tested in combination with standard worse case scenario non-flame retardant conventional polyurethane foam as specified in the Regulations.

Statement:

The decision rules for statements of conformity (Pass/Fail) have been applied to any results that results in a numerical value and are based on the Probability Confidence of 95% (UKAS LAB 48) agreed with the customer at the contract review stage.



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Photo Appendix:

Details of sample:

Color: Black

This mesh sample of approximate density of 449 g/m².



SGS authenticate the photo on original report only

*** End of Report **



SGS-CSTC Technical Services Co., Ltd.
Anji Branch Fire Technology Service

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