

Test Report

No. AJFS2005003931FF

Date: MAY 29, 2020

Page 1 of 4

DOREL HOME FURNISHINGS EUROPE LTD

ALPHASON HOUSE, 244 SWAN LANE, HINDLEY GREEN, WIGAN WN2 4EY, UNITED KINGDOM

The following 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. results apply to the sample as received.

Sample Description: LIANFENG BLACK MESH

SGS Ref No.: AJHL2005001052OT

Ref No/Item No.: ATLANTA CHAIR / DAVIS CHAIR / FLORIDA MESH CHAIR

Buyer: DOREL EUROPE

Supplier: LIAN LIANFENG FURNITURE CO LTD

Manufacturer: LIAN LIANFENG FUENITURE CO LTD

Country of Origin: CHINA

Country of Destination: UK

Label Age Grading: ADULT

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 but **does not meet** the requirement of 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 : MAY 22, 2020

Test Performing Date : MAY 22, 2020 TO MAY 28, 2020

Signed for and on behalf of

SGS-CSTC Co., Ltd. Anji Branch



Allen Zou
Lab Manager

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 and Schedule 5 Part I, Cigarette test and Match test for cover fabric. Smouldering Cigarette (ignition source 0) and Match Ignition (ignition source 1) of BS 5852:1979 Part 1.

Conditioning

Prior to testing the sample was,

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.

And then dried and conditioned at least 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%.

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

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.

(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	YES	NC
Clause 9.4 On final examination whether progressive smouldering is observed when dismantle assembly and examine internally	NA	NC

To be continued....



Test Details

Cigarette Test			
Specimen No.	1 st	2 nd	
Progressive smouldering (PS) or Flaming (F)	NO	NO	
Duration of	Ignition source (min, sec)	22min04s	22min39s
	Flames (min, sec)	0s	0s
	Smoke (min, sec)	22min12s	22min45s
Final examination of progressive smouldering (9.4)	NO	NO	
Reason for failure (Ref to failure code)	--	--	
Comments & observations	--	--	
Overall Result	PASS	PASS	

Match Test			
Specimen No.	1 st	2 nd	
Progressive smouldering (PS) or Flaming (F)	F	NC	
Duration of	Ignition source (19-21 sec)	20s	NC
	After flames (min, sec)	2min06s*	NC
	Smoke (min, sec)	3min11s	NC
Final examination of progressive smouldering (9.4)	NA	NC	
Reason for failure (Ref to failure code)	After flame time is more than 120s	NC	
Comments & observations	Flaming ignition	NC	
Overall Result	FAIL	NC	

Remark: NA---Not Applicable; NC---Not Conduct; *--- Forcibly extinguished

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

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.

To be continued....



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Photo Appendix:

Details of sample:

Color: Black

This mesh sample of approximate density of 269 g/m².



SGS authenticate the photo on original report only

*** End of Report ***



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