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Test Report

Report No.: AJFS2402001354FF

Date: FEB.07, 2024

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DOREL HOME FURNISHINGS EUROPE LTD

ALPHASON HOUSE 244 SWAN LANE, HINDLEY GREEN WIGAN WN2 4EY GREAT BRITAIN

Product Description: UKFR - POLYESTER FOAM

SGS Ref No.: AJHL2402000533FT

Item No.: ALL CHAIRS FROM QIYUE

Supplier: ANJI QIYUE FURNITURE CO LTD

Buyer: DOREL HOME FURNISHINGS EUROPE LTD

Manufacturer: ANJI QIYUE FURNITURE CO LTD

Country of Origin: CHINA

Country of Destination: UK/EU

Labeled Age Grading: ADULT

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 2 Part I Ignitability test for non-foam filling materials singly.

As specified in above standard(s) and incorporated with using ignition source 2 of BS 5852 Part 2:1982.

Test Results: -- See attached sheet --

Conclusion: The tested sample **meets** the Requirements of Schedule 2 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 : FEB.01, 2024

Test Performing Date : FEB.01, 2024 TO FEB.06, 2024

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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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编: 313300 t (86-572) 5018825 f (86-572) 5018829 sgs.china@sgs.com

Test Conducted

The Furniture and Furnishings (Fire) (Safety) Regulations 1988. S.I. No. 1324 (amended 1989, 1993 and 2010), Schedule 2 Part I, Ignitability test for non-foam filling materials singly.

Butane flame test (Ignition Source 2) of BS 5852 Part 2:1982.

Conditioning

The specimens were conditioned for 72 h in indoor ambient conditions and then immediately before the test 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) Progressive smouldering

Criteria of failure (Clause 4.1 of BS 5852 Part 2:1982)	1 st	2 nd
4.1 a) Any composite that produces externally detectable amounts of smoke, heat or glowing 30 min after the removal of the burner tube.	No	No
4.1 c) Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and requires forcible extinction.	No	No
4.1 d) Any composite that smoulders until it is essentially consumed within the test duration relevant to the source.	No	No

(B) Flaming

Criteria of failure (Clause 4.2 of BS 5852 Part 2:1982)	1 st	2 nd
4.2 a) Any composite that continues to flame for more than 120s after the removal of the burner tube	No	No
4.2 d) Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and forcible extinction is required.	No	No
4.2 e) Any composite that burns until it is essentially consumed within the test duration relevant to the source.	No	No



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SGS-CSTC (China) Technical Service Co., Ltd.
Anji Branch

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中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编: 313300 t (86-572) 5018825 f (86-572) 5018829 sgs.china@sgs.com

Detailed Results

Test No.		1 st	2 nd
Progressive smouldering (PS) or Flaming (F)		No	No
Duration of	Ignition source (s)	40 s	40 s
	After flames (min, s)	0 s	0 s
	Smoke (min, s)	48 s	52 s
Extent of damage of horizontal component	Width (mm)	37	33
	Length (mm)	42	39
	Depth (mm)	25	27
Extent of damage of vertical component	Width (mm)	74	79
	Depth (mm)	Through	Through
Reason for failure (Ref to failure code)		--	--
Final examination of progressive smouldering (9.4)		No	No
Comments & observations		No	No
Result		Pass	Pass

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 conformance of 95% (UKAS LAB 48) agreed with the customer at the contract review stage.

Photo Appendix:

Details of sample:

Color: White

This fiber sample of approximate packing density of 7.6 kg/m³.



SGS authenticate the photo on original report only

End of Report



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