

**Test Report**

Number: SHAH01698350

Applicant: DOREL HOME FURNISHINGS EUROPE LTD  
ALPHASON HOUSE,244 SWAN LANE,  
HINDLEY GREEN,WIGAN WN2 4EY,  
UNITED KINGDOM

Date: 08 Jul, 2024

Attn: MARK HUANG

Sample Description:

One (1) group of submitted sample said to be :

Item Name : UKFR FOAM  
Item No. : All Alphason items from Lianfeng  
Supplier : Dorel Home Furnishings Europe Ltd  
Manufacturer : Dorel Home Furnishings Europe Ltd  
Buyer : Dorel Home Furnishings Europe Ltd  
Goods Exported To : UK

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
submitted samples	The Requirement of Schedule 1 Part I of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended in 1989,1993 and 2010)	Pass

To be continued

Authorized By:  
Intertek Testing Services Ltd. Zhejiang

Bobo Yao  
Assistant General Manager



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Tests Conducted

### 1.Flammability Test (BS 5852 Part 2:1982, Crib Test):

The test, specified in Schedule 1 Part I of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended in 1989,1993 and 2010), is based on BS 5852 Part 2:1982 using ignition source 5 - crib test.

To assess the ignitability of polyurethane foam filling with standard cover fabric when subjected to a burning crib.

The following test results relate only to the ignitability of the combination of upholstery composites under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Criterion of ignition: Ignition source 5 - crib.

Conditioning : 72 hours indoor ambient and at least 16 hours of 20±5°C, 50±20% relative humidity.

Testing Atmosphere : 15-30°C, 20-70% Relative Humidity

Performance Requirement : Clause 4.1-4.2 Of BS 5852 Part 2:1982

Test Result:

#### Progressive Smoldering Failure

	<u>1<sup>st</sup> Test</u>	<u>Retest</u>
(A) Any composite that produces externally detectable amounts of smoke, heat or glowing 60 minutes after ignition of the crib;	No	No
(B) Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and requires forcible extinction;	No	No
(C) Any composite that smoulders until it is essentially consumed within the test duration;	No	No
(D) Any composite that smoulders to the extremities of the specimen viz upper or lower margins, either side or to its full thickness, within the duration of the test;#	No	No
(E) Any composite that, on final examination, shows evidence of charring other than discolouration, more than 100 mm in any direction apart from upwards from the nearest part of the original position.#		No

#### Flaming Failure

	<u>1<sup>st</sup> Test</u>	<u>Retest</u>
(A) Any composite that continues to flame for more than 10 minutes after the ignition of the crib;	No	No
(B) Any composite that displays escalation combustion behaviour so that it is unsafe to continue the test and requires forcible extinction;	No	No
(C) Any composite that burns until it is essentially consumed within the test duration;	No	No
(D) Any composite on which any flame front reaches the lower margin, either side or passes through the full thickness of the specimen within the duration of the test.#	No	No

#### Resultant Mass Loss

<u>1<sup>st</sup> Test</u>	<u>Retest</u>
<u>32 G</u>	<u>29 G</u>

Foam Test No.	Ignition Source	Time To Extinction After Placement Of Ignition Source			
		Flaming Ceased Time		Smoking Ceased Time	
		Min	Sec	Min	Sec
1	5	3	40	6	23
Retest	5	3	12	5	42
Ignitability Performance Index				P5	

Remark :No = Was not observed

# =If failure against the criteria and provided that the resultant mass loss was less than 60 g the foam pass the ignitability test



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Picture 1: Submitted sample

Date Sample Received: May 31, 2024

Testing Period: May 31, 2024 To Jul 08, 2024

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End of report

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