

FLAMMABILITY TEST REPORT

Date Tested: 12/11/19 Report No.: LEI19110732A **Date Received:** 06/11/19 **Date Issued:** 12/11/19

Company Name & Address: VITA CELLULAR FOAMS

> SOUDAN STREET **MIDDLETON MANCHESTER** M24 2DB

Contact Name: CHRIS HAYES

Sample Details

Reference No.: Not stated Order No.: Not stated Style No.: FE33 175 Batch No .: 260919 Quality: Not stated Colour: Blue Supplier: Vitafoam Intended Use: Not stated **Quoted Fibre Composition:** N/A Retailer: Not stated **Buying Division:** Not stated

Sample Description: Blue coloured polyurethane foam

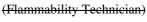
Test Method	Pre Treatment	Flammability Performance Requirements	Result
BS 5852: Part 2: 1982, Ignition source 5 (Crib 5) as modified by Schedule 1 Part 1 of the Furniture & Furnishings (Fire) (Safety) Regulations 1988 (As Amended).	None	As Schedule 1 Part 1 (Ignition test for polyurethane foam in slab or cushion form) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	Complies

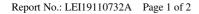
STEVEN OWEN (Technical & Operational **Excellence Manager**)

ANDREW HALLETT (Flammability Team Leader) **CAROLE SPOWART** (Flammability

GREGORY JAMES

Administrator)













Intertek The Warehouse Brewery Lane Leigh WN7 2RJ UK

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Filling Specification

Filling Type: Polyurethane Foam
Density / Hardness: Not stated / Not stated

Cover Fabric: Standard test fabric as detailed in Schedule 1 Part 1 of The Furniture (Fire) (Safety)

Regulations 1988 (as amended).

Conditioning

Prior to Testing: At least 72 hours in ambient indoor conditions, then at least 16 hours 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. Relative humidity between 20% & 70%

Test Results

"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 fully potential fire hazard of the materials in use."

Pass / Fail Criteria	Initial test		Repeat test				
Progressive smouldering failure							
Externally detectable amounts of smoke, heat or glowing 60 min after crib ignition	No		No				
Escalating smouldering behaviour rendered the test unsafe to continue and required forcible extinction	No		No				
Smouldering essentially consumed the test specimen within the duration of the test	No		No				
Flaming failure							
The test specimen continued to flame for more than 10 minutes after the ignition of the crib	No		No				
Escalating combustion behaviour rendered the test unsafe to continue and required forcible extinction	No		No				
Flaming essentially consumed the test specimen within the duration of the test	No		No				
Final examination							
Progressive smouldering was observed when the sample was dismantled	No		No				
Comments							
Time to extinction of flames after crib ignition	2 Minutes 36 Seconds		2 Minutes 53 Seconds				
Time to extinction of glowing after crib ignition	Due to the position of the crib within the test specimen it was not possible to see when glowing ceased		Due to the position of the crib within the test specimen it was not possible to see when glowing ceased				
Time to extinction of smoke after crib ignition	Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased		Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased				
Maximum extent of damage to back (mm) Length / Width	400	150	400	140			
Maximum extent of damage to base (mm) Length / Width	105	165	115	135			
The resultant mass loss exceeded 60g	No (31g)		No (35g)				
Test Result	PASS		PASS				

Conclusions

The sample tested meets the requirements of Schedule 1 Part 1 (Ignition test for polyurethane foam in slab or cushion form) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS**

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