

FLAMMABILITY TEST REPORT

Report No.: LEI19012547A

Date Received: 15/01/19

Date Tested: 22/01/19

Date Issued: 22/01/19

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.: VE33 160
Batch No.: 100119
Quality: Not stated
Colour: White
Supplier: Vitafoam
Intended Use: Not stated
Quoted Fibre Composition: N/A
Retailer: Not stated
Buying Division: Not stated
Sample Description: White 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)

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ANDREW HALLETT
(Flammability Team Leader)

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CAROLE SPOWART
(Flammability
Administrator)

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GREGORY JAMES
(Flammability Technician)

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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 | 3 Minutes 07 Seconds | 3 Minutes 12 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 | 400 115 | 400 115 |
| Maximum extent of damage to base (mm) Length / Width | 115 150 | 115 150 |
| The resultant mass loss exceeded 60g | No (33g) | No (30g) |
| 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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