



# Confidential Report

**Our Ref: 23/58728C/07/21**





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Date: 15 July 2021

Our Ref: 23/58728C/07/21  
Your Ref: 0001015698

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**Client:** Vita Cellular Foams (UK) Ltd

Oldham Road  
Middleton  
Manchester  
M24 2DB

**Job Title:** Fire Test on One Foam Sample

**Clients Order Ref:** 0001015698

**Date of Receipt:** 09 July 2021

**Date Test Started:** 14 July 2021

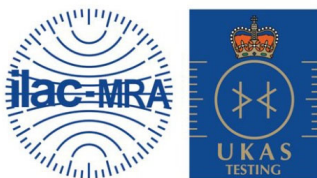
**Description of Sample:** One sample of foam, which was referenced by the client as;

FE24 130 REF-280621

**Work Requested:** We were asked to make the following fire test:

Schedule 1 Part 1 of the Furniture and Furnishings (Fire) (Safety) Regulations 1988,  
Ignitability test for foam.

- \* subcontracted test, UKAS accredited
- \*\* subcontracted test, EN ISO/IEC 17025 accredited
- \*\*\* not UKAS accredited



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Note: This report relates only to the samples submitted and as described in the report.

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Our laboratories are accredited to EN ISO/IEC 17025.



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**Schedule 1 Part 1 of the Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No. 1324 (as amended by SI 1989 No. 2358, SI 1993 No. 207 & SI 2010 No. 2205), Ignitability test for foam.**

## Conditioning

All materials used were conditioned in the environments specified in Clause 5 of BS 5852: 1990 Methods of test for the ignitability of upholstered composites for seating by flaming sources.

## Testing

The material was tested according to BS 5852: Part 2: 1982. Methods of test for the ignitability of upholstered composites for seating by flaming sources against Ignition Source 5 under a cover fabric corresponding to the standard FR polyester woven fabric specified in the above regulations.

It should be noted that the results of BS 5852: Part 2: 1982 relate only to the ignitability of the combination of materials under test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.



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## Results

| Specimen No.                 | 1    | 2    |
|------------------------------|------|------|
| Initial mass of assembly (g) | 5828 | 5848 |
| Final Mass of assembly (g)   | 5798 | 5814 |
| Mass loss (g)                | 30   | 37   |

Criteria: mass loss is less than 60g.

## Conclusion

The foam meets the requirements of Schedule 1 Part 1 of the Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended) S.I. No. 1324.

An estimation of uncertainty of measurement has been taken into account when making a judgment to any pass/fail criteria. Under our Policy we have used a non-binary decision rule.

See our Decision rules Policy (<http://www.bttg.co.uk/decision-rules-policy>) for further information.

## Uncertainty Budget

Weight:  $\pm 1$  g

Reported by:  B Bland, Technical Customer Service Officer

Countersigned by:  P Doherty, Manager

Enquiries concerning this report should be addressed to Customer Services.



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