

Confidential Report

Our Ref: 23/62986B/03/25





Wira House, West Park Ring Road, Leeds, LS16 6QL, UK. Telephone: +44 (0) 113 259 1999 Email: <u>onestopshop@bttg.co.uk</u> Website: <u>www.bttg.co.uk</u>

| BETTER | Date: 25 March 2025 Our Ref: 23/62986B/03/25 Your Ref: 1018464 Page: 1 of 3 |
|------------------------|---|
| Client: | Vita Cellular Foams (UK) Limited |
| | Oldham Road Middleton Manchester M24 2DB |
| Job Title: | Fire Test on One Foam Sample |
| Clients Order Ref: | 1018464 |
| Date of Receipt: | 20 March 2025 |
| Date Test Started: | 25 March 2025 |
| Description of Sample: | One sample of foam, which was referenced by the client as; RF28 155 |
| 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 |

Note: This report relates only to the items tested.

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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.

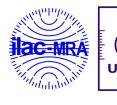
It should be noted that the results of BS 5852: Part 2: 1982 relate only to the ignitability of the combination of materials under test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Results

| Specimen No. | 1 | 2 |
|----------------------------------|------|------|
| Initial mass of assembly (g) | 6027 | 6018 |
| Final Mass of assembly (g) | 5993 | 5982 |
| Mass loss (g) | 34 | 36 |
| Flaming Duration (mins/secs | 3.25 | 3.41 |
| Smouldering Duration (mins/secs) | 8.21 | 8.09 |

Criteria:

mass loss is less than 60g. flaming duration is less than 10 mins smouldering duration is less than 60 mins



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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.

Where required to make a judgement to any pass/fail criteria an estimation of uncertainty of measurement has been taken into account. Under our Policy we have used a non-binary decision rule.

See our decision rules Policy (<u>https://www.bttg.co.uk/about-us/decision-rules-policy/</u>) for further information.

Uncertainty Budget

Timings: Weights: ±2 seconds. ±2g.

| Reported by: | Ruals | R Walls, Laboratory Technician | |
|-------------------|---------|--|----|
| Countersigned by: | 6 A. (. | B Bland, Technical Customer Service Office | ٤r |

Enquiries concerning this report should be addressed to Customer Services.



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