



Confidential Report

Our Ref: 23/58516D/05/21





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Email: info@bttg.co.uk
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Date: 17 May 2021

Our Ref: 23/58516D/05/21
Your Ref: 0001015527

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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: 0001015527

Date of Receipt: 06 May 2021

Date Test Started: 14 May 2021

Description of Sample: One sample of foam, which was referenced by the client as;
RF40 145 ref-230421

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

Furniture & Furnishings Regulation Schedule 1 Part 1

- * 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.

Uncertainty of measurement has not been taken into account when presenting the test result. The overall uncertainty budget for BS 5852: Part 2: 1982 is as follows:

Measurements: ± 2 mm
Timings: ± 2 seconds
Weight: ± 1 g



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Results

Specimen No.	1	2
Initial mass of assembly (g)	6244	6272
Final Mass of assembly (g)	6204	6237
Mass loss (g)	40	35

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.

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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