IFS Laboratories Limited

Test Certificate 129634-1

Report Details

Date Received:	29/08/2025	**Date Tested:**	04/09/2025	**Date Issued:**	04/09/2025
Service Requested:	BS 7176: 2007 + a1: 2011 (Low Hazard)				

Customer Details

Company Name:	CAMIRA FABRICS LTD
Company Address:	THE WATERMILL, WHEATLEY PARK, MIRFIELD, WEST YORSHIRE, WF14 8HE
Customer Contact:	HOLLY PARKER
Customer Ref/PO:	83A33996

Sample Details – As Supplied by the Customer

Sample Description:	UPLAND		
Fibre composition:	100% POLYPROPYLENE		
Quality/Batch Ref:	568749	**Sample End Use:**	CONTRACT
Model Ref:	NOT STATED	**Manufacturer:**	NOT STATED
Sample Colour:	LIGHT GREY D1644C	**Supplier / Buyer:**	NOT STATED

Test Details

Specification: BS 7176: 2007+A1: 2011 – Specification for resistance to ignition of upholstered furniture for non-domestic seating by testing composites.

Test Methods: BS EN 1021-1: 2006 – Furniture – Assessment of the ignitability of upholstered furniture Part 1: Ignition source smouldering cigarette.

BS EN 1021-2: 2006 – Furniture – Furniture – Assessment of the ignitability of upholstered furniture Part 2: Ignition source Match flame equivalent.

Conditioning: The sample under test had been conditioned for 24 hours in ambient conditions and then in a specified atmosphere at 23 ± 2^{0}C and 50 ± 5% r h for a minimum of 24 hours. Testing had been carried out in a draught-free environment having a temperature of 10°C - 30°C and a relative humidity of 15%rh – 80% rh.

Overall Result:	**BS EN 1021-1**	**BS EN 1021-2**	**PASS**
	No-Ignition	No-Ignition	

Authorised by:

Mark Jones
General Manager

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Test Results:

The following test results relate only to the ignitibility of the combination of materials under particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use;

3.1 Progressive Smouldering Ignition (BS EN 1021-1)		Unit	Filling used: Combustion Modified (GB33-35 Kg/m³)	
			1st Test	2nd Test
*Smouldering Duration		Min	22.00	22.00
3.1a	Escalating combustion behaviour and requires forcibly extinguishing?	Y/N	NO	NO
3.1b	Smoulders until essentially consumed within the duration of the test?	Y/N	NO	NO
3.1c	Smoulders to its full thickness, within the duration of the test?	Y/N	NO	NO
3.1d	Smoulders for more than 60 minutes	Y/N	NO	NO
3.1e	On final inspection, any evidence of charring more than 50mm from the original position of the cigarette?	Y/N	NO	NO
3.2	**Flaming Criteria**			
3.2	Occurrence of any flames initiated by progressive smouldering?	Y/N	NO	NO

3.1 Progressive Smouldering Ignition (BS EN 1021-2)		Unit	Filling used: Combustion Modified (GB33-35 Kg/m³)		
			1st Test	2nd Test	3rd Test
*Flaming Duration		Min	0.02	0.02	0.00
3.1a	Escalating smouldering combustion behaviour and requires forcibly extinguishing?	Y/N	NO	NO	NO
3.1b	Smoulders until essentially consumed within the duration of the test?	Y/N	NO	NO	NO
3.1c	Smoulders to its full thickness, within the duration of the test?	Y/N	NO	NO	NO
3.1d	Smoulders for more than 60 minutes	Y/N	NO	NO	NO
3.1e	On final inspection, any evidence of charring more than 50mm from the original position of the cigarette?	Y/N	NO	NO	NO
3.2	**Flaming Criteria**				
3.2a	Escalating Flaming combustion behaviour and requires forcibly extinguishing?	Y/N	NO	NO	NO
3.2b	Flaming until essentially consumed within the duration of the test?	Y/N	NO	NO	NO
3.2c	Burns through its full thickness, within the duration of the test?	Y/N	NO	NO	NO
3.2d	Flaming for more than 120 Seconds	Y/N	NO	NO	NO

N/A = Not Applicable F.EXT = Forcibly Extinguished I = Ignition NI = Non-Ignition

Conclusion:

The sample under test **meets** the test criteria of BS 7176: 2007 +A1: 2011 Low Hazard when tested in accordance with BS EN 1021-1: 2006 and BS EN 1021-2: 2006

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval" which is determined by reducing the specification limits by the expanded test uncertainty Uk=2 (approximately 95% confidence interval). And providing all measured values are within the tolerance limits then such results are declared as "Pass". The Uncertainty budgets are stated for each test method and should be considered when results are on or close to the acceptance limits, and in such cases it should be noted that the risk of false acceptance or false rejection is ≤2.5%. Results outside these limits are declared as 'fail'. All test results issued on this report refer only to the item under test as supplied by the customer. This certificate shall not be reproduced, unless in its entirety, without written approval from IFS Laboratories Ltd. Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN T: 0161 50 50 650 E: technical@ifs-labs.com

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