

Test Certificate 120481-1

Report Details			
Date Received:	15/10/2024	Date Tested:	21/10/2024
Date Issued:	30/10/2024		
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:	LUKE RUSSEL
Customer Ref/PO:	83A29688

Sample Details – As Supplied by the Customer			
Sample Description:	GRAVITY		
Fibre composition:	NOT STATED		
Quality/Batch Ref:	553316	Sample End Use:	UPHOLSTERY
Model Ref:	NOT STATED	Manufacturer:	CAMIRA FABRICS
Sample Colour:	LAKE	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 $23 \pm 2^{\circ}\text{C}$ and $50 \pm 5\%$ 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 No-Ignition	BS EN 1021-2 No-Ignition	PASS

Authorised by:



Mark Jones
General Manager

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 $U_{k=2}$ (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 $\leq 2.5\%$. 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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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)		Filling used:	
		Combustion Modified (24-26 Kg/m ³)	
		1 st Test	2 nd Test
*Smouldering Duration	Min	21.00	23.00
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)		Filling used:		
		Combustion Modified (24-26 Kg/m ³)		
		1 st Test	2 nd Test	3 rd Test
*Flaming Duration	Min	0.01	0.01	0.07
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

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