IFS Laboratories Limited

Test Certificate 118483-1

Report Details

Date Received:	02/08/2024	**Date Tested:**	07/08/2024	**Date Issued:**	07/08/2024
Service Requested:	I.S. 419: 2011 – Annex I & J				

Customer Details

Company Name:	ENGLISCH DEKOR HANDELSGMBH & CO KG
Company Address:	NOT STATED
Customer Contact:	NOT STATED
Customer PO:	6061 FR

Sample Details – As Supplied by the Customer

Sample Description:	BELLEVUE		
Fabric Composition:	100% POLYESTER	**Audit No:**	C218250
Quality/Batch Ref:	BELLEVUE / 231201	**Sample End Use:**	NOT STATED
Piece No:	HB002565	**Manufacturer:**	NOT STATED
Sample Colour:	BELLEVUE/GFR DWR	**Supplier / Buyer:**	NOT STATED

Test Details

Specification:	Irish Regulations S.I 316/1995 – Industrial Research and Standards (Fire Safety) (Domestic Furniture) Order 1995. - I.S 419: 2011 – Fire Safety Requirements for components of furniture - Annex I & Annex J.
Test Method:	I.S. EN 1021-1: 2006 – Furniture – Assessment of the ignitibility of mattresses and upholstered bed bases. Part 1: Ignition source smouldering cigarette. I.S. EN 1021-1: 2006 – Furniture – Assessment of the ignitibility of mattresses and upholstered bed bases. Part 2: Ignition source match flame equivalent.
Pre-treatment:	The sample under test had been subjected to the water soaking procedure in accordance with I.S EN 1021-1: 2006 Annex D.
Conditioning:	The sample under test and the ignition sources had been conditioned 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.

	BS EN 1021-1	BS EN 1021-2	
***Overall Result:**	Non-Ignition	Non-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 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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Test Results:

The below test results relate only to the ignitibility of the combination of materials under the 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: Non-Modified 20-22 Kg/M³	
			1st Test	2nd Test
*Smouldering Duration		Min	22.00	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)		Unit	Filling used: Non-Modified 20-22 Kg/M³		
			1st Test	2nd Test	3rd Test
*Flaming Duration		Min	0.00	0.00	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 supplied **meets** the requirements of Irish Regulations S.I 316/1995 – Industrial Research and Standards (Fire Safety) (Domestic Furniture) Order 1995. - I.S 419: 2011 - Annex I & J. When tested in accordance with EN 1021-1 & 2: 2006.

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