IFS Laboratories Limited

Test Certificate 111372-1

Report Details

Report Number:	111372-1	**Date Tested:**	09/11/2023	**Date Issued:**	10/11/2023
Service Requested:	BS 5867-2: 2008 – Type B				

Customer Details

Company Name:	J.D. McDOUGALL LTD	**Company Address:**	4 McGRATH ROAD
Customer Contact:	IAN McDOUGALL		STRATFORD, LONDON
Customer Ref/PO:	NOT STATED		E15 4JP

Sample Details – As Supplied by the Customer

Sample Description:	IFR POLYLINE		
Composition/Structure:	100% POLYESTER		
Quality/Batch Ref:	X0324700305	**Sample End Use:**	COMMERCIAL DRAPES
Model Ref:	NOT STATED	**Manufacturer:**	NOT STATED
Sample Colour:	NOT STATED	**Supplier / Buyer:**	NOT STATED

Test Details

Specification:	BS 5867-2: 2008 – Type B - Fabrics for curtains, drapes and window blinds – Part 2: Flammability requirements - Specification.
Test Method:	BS EN ISO 15025: 2002 – Protective Clothing – Protection against heat and flame – Method of test for limited flame spread
Pre-treatment:	The sample under test had been subjected to 1 wash cycle in accordance with BS EN ISO 10528: 1995 with a reduced wash temperature of 40°C
Conditioning:	The samples under test had been conditioned in a specified atmosphere at 20 ± 2^{0}C and 65 ± 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 with an air movement of <0.2m/s.
Deviations:	As requested by the customer the test had been carried out with a deviation to clause 5 of BS 5867-2: 2008, the specimens under test had been subjected to 1 wash cycle and not the 12 cycles as stated in the method.

Overall Result:	Before cleansing:	**PASS**	After cleansing:	**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 (Before Cleansing) Application Time (Procedure A: 15s Surface Ignition):	Unit	WARP DIRECTION			WEFT DIRECTION		
		1	2	3	4	5	6
*After Flame time: (Secs)	Sec	0	0	0	0	0	0
*Afterglow time: (Secs)	Sec	0	0	0	0	0	0
Flame reached an edge:	Y/N	NO	NO	NO	NO	NO	NO
Hole Reached an edge:	Y/N	NO	NO	NO	NO	NO	NO
Flaming Debris:	Y/N	NO	NO	NO	NO	NO	NO
*Damage Length:	mm	43	54	52	51	50	58
*Damage Width:	mm	36	31	47	18	21	14
Specimen Result:		**PASS**	**PASS**	**PASS**	**PASS**	**PASS**	**PASS**

Test Results (After Cleansing) Application Time (Procedure A: 15s Surface Ignition):	Unit	WARP DIRECTION			WEFT DIRECTION		
		1	2	3	4	5	6
*After Flame time: (Secs)	Sec	0	0	0	0	0	0
*Afterglow time: (Secs)	Sec	0	0	0	0	0	0
Flame reached an edge:	Y/N	NO	NO	NO	NO	NO	NO
Hole Reached an edge:	Y/N	NO	NO	NO	NO	NO	NO
Flaming Debris:	Y/N	NO	NO	NO	NO	NO	NO
*Damage Length:	mm	57	56	50	45	49	52
*Damage Width:	mm	38	49	35	21	24	20
Specimen Result:		**PASS**	**PASS**	**PASS**	**PASS**	**PASS**	**PASS**

Pass/Fail Criteria:

No part of any hole nor any part of the lowest boundary of any flame shall reach the top edge or vertical edges of the sample. If any part of any hole or any flame reaches the top edge or vertical edges, or if there is any separation of flaming droplets in any one specimen then a further six specimens shall be tested. If all six of the new specimens comply with the requirements, the fabric shall be deemed to conform to the requirements for "Type B" of the British standard.

Conclusion:

The sample under test **meets** the Type B performance requirement specified in clause 6 when tested in accordance with BS EN ISO 15025: 2002 Procedure A – Surface Ignition, before and after the appropriate procedure specified in clause 5 and with the deviation listed on page 1.

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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