

Test Certificate 108661 -1

Report Details					
Report Number:	108661-1	Date Tested:	20/07/2023	Date Issued:	21/07/2023
Service Requested:	BS EN 13773: 2003				
Customer Details					
Company Name:	FLAMENTEK LIMITED	Company Address:	COMPASS HOUSE, BUNWELL ROAD		
Customer Contact:	JANE GIRLING		BESTHORPE, ATTLEBOROUGH		
Customer Ref/PO:	22024		NORFOLK, NR17 2NZ		
Sample Details – As Supplied by the Customer					
Sample Description:	HERO 2 – WOOLLEN FABRIC. TREATED WITH A DURAFAM® FLAME RETARDANT FORMULATION BY FABRIC FLARE SOLUTIONS LTD				
Composition/Structure:	97% NEW WOOL, 3% RECYCLED NYLON				
Quality/Batch Ref:	HERO 2 (EX. KVADRAT A/S)	Sample End Use:	CURTAINS & DRAPES		
Model Ref:	NOT STATED	Manufacturer:	NOT STATED		
Sample Colour:	VARIOUS	Supplier / Buyer:	KVADRAT A/S		
Test Details					
Specification:	BS EN 13773: 2003 – Textiles and Textile Products – Burning behaviour – Curtains and drapes – Classification Scheme				
Test Methods:	BS EN 1101: 1996 BS EN 13772: 2011				
Pre-treatment:	The sample under test had not been subjected to any cleansing procedures prior to testing to BS EN 13772: 2011. The sample had been subjected to 1 x Domestic laundry procedure in accordance with BS EN ISO 6330: 2021 for BS EN 1101: 1996.				
Conditioning:	The sample under test had been conditioned in a specified atmosphere at 20 ± 2°C and 65 ± 5% r h for a minimum of 24 hours.				
Overall Result:	CLASS 1				

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



2513

Test Certificate 108661 -1

Test Results: BS EN 1101: 1996 (Warp Direction)					
Test Number	Flame Application Time	*Result	Test Number	Flame Application Time	*Result
1	1s	No-Ignition	7	15s	No-Ignition
2	2s	No-Ignition	8	20s	No-Ignition
3	3s	No-Ignition	9	20s	No-Ignition
4	4s	No-Ignition	10	20s	No-Ignition
5	5s	No-Ignition	11	20s	No-Ignition
6	10s	No-Ignition	12	20s	No-Ignition

Test Results: BS EN 1101: 1996 (Weft Direction)					
Test Number	Flame Application Time	*Result	Test Number	Flame Application Time	*Result
1	1s	No-Ignition	7	15s	No-Ignition
2	2s	No-Ignition	8	20s	No-Ignition
3	3s	No-Ignition	9	20s	No-Ignition
4	4s	No-Ignition	10	20s	No-Ignition
5	5s	No-Ignition	11	20s	No-Ignition
6	10s	No-Ignition	12	20s	No-Ignition

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: BS EN 13773: 2011							
Application time	Unit	1	2	3	4	5	6
		10	10	10	10	10	10
Surface Tested	F/R	A ↑	A ↑	A ↑	A →	A →	A →
*Flaming Duration:	Sec	21.8	20.6	21.2	12.5	156	13.2
1 st Marker Severed?	Y/N	NS	NS	NS	NS	NS	NS
3 rd Marker Severed?	Y/N	NS	NS	NS	NS	NS	NS
Flaming Debris:	Y/N	NO	NO	NO	NO	NO	NO
*Damage Length:	mm	140	135	141	130	126	122
Classification Result:	1-3	CLASS 1	CLASS 1	CLASS 1	CLASS 1	CLASS 1	CLASS 1

Classification Requirements		
Class	Ignitibility	Flame Spread
1	Non Ignition according to EN 1101	1 st Marker thread not severed, no flaming debris, according to EN 13772
2	Non Ignition according to EN 1101	3 rd Marker thread not severed, no flaming debris, according to EN 13772
3	Non Ignition according to EN 1101	3 rd Marker thread severed, and/or flaming debris, according to EN 13772
4	Ignition according to EN 1101	3 rd Marker threads not severed, and no flaming debris, according to EN 1102
5	Ignition according to EN 1101	3 rd Marker threads severed, and/or flaming debris, according to EN 1102

A = Face Side

B = Reverse Side

NS = Not Severed

N/A = Not Applicable

Conclusion:

The sample supplied has achieved a **CLASS 1** in accordance with Clause 10 of BS EN 13773: 2003, when tested according to BS EN 1101: 1996 and BS EN 13772: 2011.

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2513