

FLAMMABILITY TEST CERTIFICATE – 100302

COMPANY DETAILS:

CONTACT NAME(S):

TEL:

EMAIL:

DATE RECEIVED: 19/07/2022

DATE TESTED: 22/07/2022

DATE ISSUED: 22/07/2022

PO NUMBER: P39682

SAMPLE DESCRIPTION:

COLOUR: NOT STATED

QUALITY/BATCH REF: NOT STATED

COMPOSITION: 100% FR POLYESTER

MODEL NO: NOT STATED

SAMPLE END USE: DRAPE

MANUFACTURER: NOT STATED

SUPPLIER/BUYER: NOT STATED

REQUIREMENT/CLASSIFICATION:

BS EN 13773: 2003 – Textiles and textile products – Burning behaviour – Curtains and drapes classification scheme

TEST METHODS:

BS EN 1101: 1996 – Burning behaviour of curtains & drapes. Detailed procedure to determine the ignitibility of vertically orientated specimens (Small flame)

BS EN 13772: 2011 – Textiles and textile products – Burning behaviour – Curtains & Drapes – Measurement of flame spread of vertically oriented specimens with large ignition source

PRE-TREATMENT:

The sample had not been subjected to any cleansing procedure prior to testing.

CONDITIONING:

The sample was conditioned for at least 24 hrs in a specified atmosphere at $20 \pm 2^{\circ}\text{C}$ and $65 \pm 5\% \text{ r h}$.

Authorised By:



Zeb Alam
Operations Director

Mark Jones
General Manager

Karen Brooks
Managing Director

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 $\leq 5\%$. 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 1101: 1996

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 13772: 2011

Test Criteria	1	2	3	4	5	6	7	8
Surface Side Tested (A or B)	A	B	B	B	A	B	A	A
Specimen Direction:	↑	↓	↑	↓	→	←	→	←
Application Time:	10	10	10	10	10	10	10	10
Flaming Duration:	21	20	19	22	19	23	18	21
1 st Marker thread Severed?	NO	NO	NO	NO	NO	NO	NO	NO
3 rd Marker thread Severed?	NO	NO	NO	NO	NO	NO	NO	NO
Flaming Debris	NO	NO	NO	NO	NO	NO	NO	NO
Damage Length: (mm)	140	150	167	147	162	160	172	158
	CLASS	CLASS	CLASS	CLASS	CLASS	CLASS	CLASS	CLASS
Result	1	1	1	1	1	1	1	1

CLASSIFICATION

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

CONCLUSION:

The sample supplied has achieved a **CLASS 1** in accordance with BS EN 13773: 2003

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 $\leq 5\%$. 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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