

FLAMMABILITY TEST CERTIFICATE – 105044

COMPANY DETAILS: SMD HOLDINGS LTS (CONTRACT)
UNIT F2, PITTMAN WAY, FULWOOD, PRESTON, PR2 9ZD

CONTACT NAME(S):
TEL: 01772665263
EMAIL:

DATE RECEIVED: 15/02/2023
DATE TESTED: 22/02/2023
DATE ISSUED: 22/02/2023
PO NUMBER: NOT STATED

SAMPLE DESCRIPTION: UM13347
COLOUR: NOT STATED
QUALITY/BATCH REF: NOT STATED
COMPOSITION: 100% INHERENTLY FR POLYESTER
SUPPLIER/BUYER: SMD HOLDINGS LTD
SAMPLE END USE: CONTRACT UPHOLSTERY

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:

One set of specimens had been subjected to 12 wash cycles in accordance with BS EN 10528: 1995 (Standard), then line dried.

CONDITIONING:

The sample was conditioned for at least 24 hrs in a specified atmosphere at $20 \pm 2^{\circ}\text{C}$ and $65 \pm 5\%$ 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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FLAMMABILITY TEST CERTIFICATE –105044

TEST RESULTS: BS EN 1101: 1996

DIRECTION ↑			DIRECTION →		
TEST NUMBER	FLAME APPLICATION TIME	RESULT	TEST NUMBER	FLAME APPLICATION TIME	RESULT
1	1s	No-Ignition	1	1s	No-Ignition
2	2s	No-Ignition	2	2s	No-Ignition
3	3s	No-Ignition	3	3s	No-Ignition
4	4s	No-Ignition	4	4s	No-Ignition
5	5s	No-Ignition	5	5s	No-Ignition
6	10s	No-Ignition	6	10s	No-Ignition
7	15s	No-Ignition	7	15s	No-Ignition
8	20s	No-Ignition	8	20s	No-Ignition
9	20s	No-Ignition	9	20s	No-Ignition
10	20s	No-Ignition	10	20s	No-Ignition
11	20s	No-Ignition	11	20s	No-Ignition
12	20s	No-Ignition	12	20s	No-Ignition

TEST RESULTS: BS EN 13772: 2011

Test Criteria BEFORE CLEANSING	A	B	A	A	A	B	A	A
Specimen Direction:	↑	↑	↑	↑	→	→	→	→
Application Time:	10	10	10	10	10	10	10	10
Flaming Duration: (seconds)	21.4	25.7	22.3	24.6	22.3	22.9	23.4	24.2
1 st Marker thread Severed?	NO							
3 rd Marker thread Severed?	NO							
Flaming Debris	NO							
Damage Length: (mm)	138	135	134	136	148	135	138	140
Result	CLASS 1							

Test Criteria AFTER CLEANSING	A	B	A	A	A	B	A	A
Specimen Direction:	↑	↑	↑	↑	→	→	→	→
Application Time:	10	10	10	10	10	10	10	10
Flaming Duration: (seconds)	25	24.6	23.2	24.5	24.6	27.6	25.2	24.8
1 st Marker thread Severed?	NO							
3 rd Marker thread Severed?	NO							
Flaming Debris	NO							
Damage Length: (mm)	139	138	134	136	135	130	136	140
Result	CLASS 1							

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FLAMMABILITY TEST CERTIFICATE –104050

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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