
FLAMMABILITY TEST CERTIFICATE - 105045

COMPANY DETAILS: SMD CONTRACTS
SMD GROUP LTD, 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
MODEL REF: NOT STATED
COMPOSITION: 100% INHERENTLY FR POLYESTER
END USE: CONTRACT DRAPERY
DESCRIPTION OF WEAVE: NOT STATED
MASS PER UNIT AREA: NOT STATED
FR TREATMENT: NOT STATED
MANUFACTURER: NOT STATED
SUPPLIER: SMD HOLDINGS LTD.

SPECIFICATION/REQUIREMENT:
IMO FTP Part 7: 2010 – Test for vertically supported textiles and films.

PRE-TREATMENT:
No wetting procedure had been carried out. The results obtained in this report relate only to the tested specimens as received.

CONDITIONING:
The specimens had been conditioned for at least 24 hrs in a specified atmosphere at $20 \pm 5^\circ\text{C}$ and $65 \pm 5\% \text{ r h}$.

Authorised By:



Zeb Alam
Operations Director

Mark Jones
Quality 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 – FACE SIDE:

Test Results (Warp)	1	2	3	4	5
Application Time (as determined by pre-testing):	15s (EDGE)	15s (EDGE)	15s (EDGE)	15s (EDGE)	15s (EDGE)
After Flame time:	0	0	0	0	0
Flame reached an edge:	NO	NO	NO	NO	NO
Charred Length: (mm)	40	62	56	45	72
Ignition of Cotton Wool (Y/N)	NO	NO	NO	NO	NO
Occurrence of surface flash (Y/N)	NO	NO	NO	NO	NO
Specimen Result:	PASS	PASS	PASS	PASS	PASS

Test Results (Weft)	1	2	3	4	5
Application Time (as determined by pre-testing):	15s (EDGE)	15s (EDGE)	15s (EDGE)	15s (EDGE)	15s (EDGE)
After Flame time:	0	0	0	0	0
Flame reached an edge:	NO	NO	NO	NO	NO
Charred Length: (mm)	55	63	71	56	62
Ignition of Cotton Wool (Y/N)	NO	NO	NO	NO	NO
Occurrence of surface flash (Y/N)	NO	NO	NO	NO	NO
Specimen Result:	PASS	PASS	PASS	PASS	PASS

TEST RESULTS – REVERSE SIDE:

Test Results (Warp)	1	2	3	4	5
Application Time (as determined by pre-testing):	15s (EDGE)	15s (EDGE)	15s (EDGE)	15s (EDGE)	15s (EDGE)
After Flame time:	0	0	0	0	0
Flame reached an edge:	NO	NO	NO	NO	NO
Charred Length: (mm)	52	63	56	68	54
Ignition of Cotton Wool (Y/N)	NO	NO	NO	NO	NO
Occurrence of surface flash (Y/N)	NO	NO	NO	NO	NO
Specimen Result:	PASS	PASS	PASS	PASS	PASS

Test Results (Weft)	1	2	3	4	5
Application Time (as determined by pre-testing):	15s (EDGE)	15s (EDGE)	15s (EDGE)	15s (EDGE)	15s (EDGE)
After Flame time:	0	0	0	0	0
Flame reached an edge:	NO	NO	NO	NO	NO
Charred Length: (mm)	71	69	58	66	56
Ignition of Cotton Wool (Y/N)	NO	NO	NO	NO	NO
Occurrence of surface flash (Y/N)	NO	NO	NO	NO	NO
Specimen Result:	PASS	PASS	PASS	PASS	PASS

*after flame time \leq 5s for any specimen.

*no flame propagation to the edges for any specimen.

*no ignition of the cotton wool for any specimen.

*average char length \leq 150mm.

*no occurrence of surface flash more than 100mm from the point of ignition

CONCLUSION: The sample supplied **meets** the performance criteria as stated in paragraph 3 of IMO FTP Part 7: 2010.

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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