

FLAMMABILITY TEST CERTIFICATE - 105235

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

CONTACT NAME(S):
TEL: 0177265263
EMAIL:

DATE RECEIVED: 24/02/2023
DATE TESTED: 06/03/2023
DATE ISSUED: 06/03/2023
PO NUMBER: NOT STATED

SAMPLE DESCRIPTION: SOLAR
COLOUR: MUSTARD
QUALITY/BATCH REF: NOT STATED
MODLE REF: NOT STATED
COMPOSITION: 100% POLYESTER
SAMPLE END USE: CONTRACT UPHOLSTERY
SUPPLIER/BUYER: SMD HOLDINGS LTD
MANUFACTURER: NOT STATED
YARN COUNT: NOT STATED
THREADS PER INCH: WARP: NOT STATED WEFT: NOT STATED
FABRIC THICKNESS: NOT STATED
MASS PER UNIT AREA: NOT STATED
FR TREATMENT: NOT STATED
FILLING DENSITY KG/M³: NOT STATED

SPECIFICATION/REQUIRMENT:

IMO FTP Part 8 – Fire test procedures for the ignitability by smokers' materials of upholstered composites for seating.

CONDITIONING:

The sample was conditioned for 72 hrs in ambient conditions then for at least 24 hrs in a specified atmosphere at $23 \pm 2^{\circ}\text{C}$ and $50 \pm 5\%$ 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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CIGARETTE SPECIFICATION:

Diameter: 8mm Ø **Length:** 70mm **Mass:** 1.0g **Smouldering Rate:** 12 min/50mm

TEST RESULTS:

“The Following test results relate only to the behaviour of the test specimens of a product under particular conditions of test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use”

TEST CRITERIA – (CIGARETTE TEST)	INITIAL TEST	REPEAT TEST
FILLING MATERIAL USED:	VP45	VP45
Smouldering ceased within (minutes)	28	29
PROGRESSIVE SMOULDERING CRITERIA		
Progressive smouldering and/or flaming observed within one hour of the placement of the cigarette?	NO	NO
Evidence of melting, charring, dripping?	Melting: <input checked="" type="checkbox"/>	Charring: <input checked="" type="checkbox"/> Dripping: <input type="checkbox"/>
FLAMING CRITERIA (9.3)		
Cover Split?	NO	NO
Extent of Damage from source of ignition (mm)	58 X 10	60 X 10
TEST RESULT	PASS	PASS

TEST CRITERIA – (MATCH TEST)	INITIAL TEST	REPEAT TEST
FILLING MATERIAL USED:	VP45	VP45
Flaming ceased (seconds)	0	0
PROGRESSIVE SMOULDERING CRITERIA		
Progressive smouldering and/or flaming observed within one hour of the removal of the flame?	NO	NO
Evidence of melting, charring, dripping?	Melting: <input checked="" type="checkbox"/>	Charring: <input checked="" type="checkbox"/> Dripping: <input type="checkbox"/>
FLAMING CRITERIA		
Flaming continued for more than 120 seconds after the removal of the burner?	NO	NO
Extent of damage from source of ignition (mm)	42 X 13	45 X 13
TEST RESULT	PASS	PASS

CONCLUSION:

The sample supplied **meets** the performance criteria as stated in paragraph 3 of IMO FTP Part 8: 2010

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