

## FLAMMABILITY TEST CERTIFICATE - 104045

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

**CONTACT NAME(S):**  
**TEL:** 0177265263  
**EMAIL:**

**DATE RECEIVED:** 06/01/2023  
**DATE TESTED:** 11/01/2023  
**DATE ISSUED:** 12/01/2023  
**PO NUMBER:** NOT STATED

**SAMPLE DESCRIPTION:** ABBOTT  
**COLOUR:** NOT STATED  
**QUALITY/BATCH REF:** NOT STATED  
**MODLE REF:** NOT STATED  
**COMPOSITION:** 100% POLYESTER WITH FR COATING  
**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/M<sup>3</sup>:** 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](mailto: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)	25	25
<b>PROGRESSIVE SMOULDERING CRITERIA</b>		
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"/>
<b>FLAMING CRITERIA (9.3)</b>		
Cover Split?	NO	NO
Extent of Damage from source of ignition (mm)	52 x 45	55 X 44
<b>TEST RESULT</b>	<b>PASS</b>	<b>PASS</b>

TEST CRITERIA – (MATCH TEST)	INITIAL TEST	REPEAT TEST
FILLING MATERIAL USED:	VP45	VP45
Flaming ceased (seconds)	39	43
<b>PROGRESSIVE SMOULDERING CRITERIA</b>		
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"/>
<b>FLAMING CRITERIA</b>		
Flaming continued for more than 120 seconds after the removal of the burner?	NO	NO
Extent of damage from source of ignition (mm)	30 X 210	29 X 201
<b>TEST RESULT</b>	<b>PASS</b>	<b>PASS</b>

### CONCLUSION:

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

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