

FLAMMABILITY TEST CERTIFICATE – 106182

COMPANY DETAILS: ABBOTSFORD TEXTILES
LADYWELL MILLS, HALL LANE
BRADFORD, WESTYORKSHIRE
BD4 7DF

CONTACT NAME(S): CAROLINE DOYLE
TEL: 01274 738049
EMAIL: caroline@abbotsford-textiles.com

DATE RECEIVED: 03/04/2023
DATE TESTED: 12/04/2023
DATE ISSUED: 13/04/2023
PO NUMBER: TRN 2529

SAMPLE DESCRIPTION: COUNTRY CLASSICS
COLOUR: VARIOUS
QUALITY/BATCH REF: A402
MODEL REF: NOT STATED
COMPOSITION: 100% BRITISH WOOL
SAMPLE END USE: SEVERE CONTRACT
MANUFACTURER: ABBOTSFORD TEXTILES

SPECIFICATION/REQUIREMENT:

BS 7176:2007+A1:2011 – Specification for the resistance to ignition of upholstered furniture for non-domestic seating by testing composites. (Low Hazard)

TEST METHOD:

BS EN 1021-1:2006 – Furniture – Assessment of the ignitability of upholstered furniture. Ignition source smouldering cigarette.

BS EN 1021-2:2006 – Furniture – Assessment of the ignitability of upholstered furniture. Ignition source match flame equivalent.

PRE-TREATMENT:

Prior to testing the sample did not receive and cleansing procedure.

CONDITIONING:

The sample was conditioned for 72 hrs in ambient conditions 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

Please note: 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 $\leq 2.5\%$. 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



FLAMMABILITY TEST CERTIFICATE – 106182

TEST RESULTS:

“The Following test results relate only to the ignitibility of the combination of the materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.”

TEST CRITERIA – 1021-1 (CIGARETTE TEST)	INITIAL TEST GB33M	REPEAT TEST GB33M
FILLING MATERIAL USED:		
Cigarette ceased smouldering within (Min(s))	24	24
PROGRESSIVE SMOULDERING CRITERIA (3.1)		
Unsafe escalating combustion (3.1a)	NO	NO
Smoulders to extremities (3.1b)	NO	NO
Smoulders through thickness (3.1c)	NO	NO
Smoulders for more than 1 hr (3.1d)	NO	NO
Presence of active smouldering on final examination? (3.1e)	NO	NO
Evidence of melting, charring, dripping?	Melting: <input checked="" type="checkbox"/>	Charring: <input checked="" type="checkbox"/> Dripping: <input type="checkbox"/>
FLAMING CRITERIA (3.2)		
Cover Split?	YES	YES
Occurrence of flames?	NO	NO
TEST RESULT	PASS	PASS

TEST CRITERIA – 1021-2 (MATCH TEST)	1 st Test GB33M	2 nd Test GB33M	3 rd Test GB33M
FILLING MATERIAL USED:			
Flaming Ceased: Sec(s)	0	0	0
PROGRESSIVE SMOULDERING CRITERIA (3.1)			
Unsafe escalating combustion (3.1a)	NO	NO	NO
Smoulders to extremities (3.1b)	NO	NO	NO
Smoulders through thickness (3.1c)	NO	NO	NO
Smoulders for more than 1 hr (3.1d)	NO	NO	NO
Evidence of melting, charring, dripping?	Melting: <input checked="" type="checkbox"/>	Charring: <input checked="" type="checkbox"/> Dripping: <input type="checkbox"/>	
FLAMING CRITERIA (3.2)			
Unsafe escalating combustion (3.2a)	NO	NO	NO
Test assembly consumed (3.2b)	NO	NO	NO
Flaming to extremities and thickness (3.2c) (3.2d)	NO	NO	NO
Flaming continued for more than 120 seconds	NO	NO	NO
Cover split?	YES	YES	YES
TEST RESULT	PASS	PASS	PASS

CONCLUSION:

The sample supplied **meets** the test criteria of BS 7176:2007 + A1:2011 (Low Hazard)

Please note: 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 $\leq 2.5\%$. 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

