

Fire Test Certificate – Specimen

Fabric: Wadding
Type: BS5852

J&C Joel 
Inspiration in every performance



Test Certificate 82167 - 1

Report Details

Report Number	82167 - 1	Date Tested	23-Jun-20	Date Issued	24-Jun-20
Service Requested	BS 5852 Part 2: 1982 - Schedule 2 Part 1				

Customer Details

Customer Details - As Supplied by the Customer

Sample Description MED DTEX
Fibre Composition 100% POLYESTER

Quality/Batch Ref JUNE 2020
Colour WHITE
Sample End Use BED MANUFACTURING/ FURNITURE
Model Ref
Density / Layers / 4

Supplier / Buyer

Specification:

Schedule 2 Part 1 (Ignitibility test for non-Foam Filling Materials Singly of The Furniture Furnishings (Fire) (Safety) Regulations 1988 (as amended). S.I. 1324

Test Methods:

BS 5852 Part 2: 1982 Source 2 - Methods of test for the ignitibility of upholstered composites for seating by flaming sources.

Conditioning:

The sample was conditioned for 72 hrs in ambient conditions then for at least 24 hrs in a specified atmosphere at $20 \pm 5^\circ\text{C}$ and $50 \pm 20\%$ relative humidity.

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). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

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Page 1 of 3



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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	Initial Test	Repeat Test
Flaming Ceased:	0.00	0.04
Progressive Smouldering Criteria		
Detectable amounts of smoke, heat or glowing 60 minutes after ignition?	☐	☐
Displays unsafe escalating combustion and requires forcibly extinguishing?	☐	☐
Smouldering consumed the test specimen within the duration of the test?	☐	☐
Smoulder to the Extremities? I.E Upper or Lower margins, either side or to its full thickness	☐	☐
On final inspection, any evidence of Charring?	☒	☒
On final inspection, any evidence of Melting?	☒	☒
On final inspection, any evidence of Dripping?	☒	☒
Flaming Criteria		
Flaming for more then 120 Seconds:	☐	☐
Displays unsafe escalating combustion?	☐	☐
Flaming and/or smouldering consumed the test specimen within the duration of the test?	☐	☐
Flame front reaches the upper or lower margin, either side or passes through the full thickness?	☒	☒
Test Result	PASS	PASS

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). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

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Page 2 of 3



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Overall Result: **PASS**

The sample supplied meets the requirements of Schedule 2 Part 1 (Ignitibility test for non-Foam Filling Materials Singly) of The Furniture & Furnishings (Fire) (Safety) Regulations 1988 (as amended). S.I. 1324

Authorised Signature:



Zeb Alam
Operations Director

END OF REPORT

SPECIMEN

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). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

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Page 3 of 3

