

Report 374057

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Luxury Contract Furnishings Limited
T/A Abbotsford Textiles
Ladywell Mills
Hall Lane
Bradford
BD4 7DF

Contact: Caroline Doyle

DATE RECEIVED	:	15 APRIL 2021
DATE TESTED	:	28 APRIL 2021
QUALITY REFERENCE	:	9840/9890 CLASSIC MELTON
REPUTED FIBRE CONTENT	:	100% MELTON WOOL
COLOUR / DESIGN	:	VARIOUS
SAMPLE DESCRIPTION	:	WOVEN
ORDER NUMBER	:	POLCF2100191

REQUEST: BS 5867 - 2:2008 Fabrics for curtains, drapes and window blinds – Part 2: Flammability requirements - Specification

RESULT: The sample submitted complies with the flammability requirements of BS5867-2:2008 for Type B performance



S. WISEMAN
LABORATORY DIRECTOR



L. SMITH
FLAMMABILITY TECHNICIAN

This report shall not be reproduced except in full without written approval of HSTTS. In all circumstances results of tests are implied as referring only to the sample supplied and should not be construed or interpreted on any other basis. The comments given in the report are for guidance only and are not a part of the results. Where specified in a test method preconditioning in accordance with ISO 139 is not carried out as samples are exposed to the conditioning atmosphere specified within ISO 139 for a minimum of 16 hours prior to test.



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FIRE TESTS ACCORDING TO BS 5867 - 2:2008

Fabrics for curtains, drapes and window blinds – Part 2: Flammability requirements - Specification

Procedure

Specimens of '9840/9890 Classic Melton' were subjected to the test method as described in BS EN ISO 15025:2002, procedure "A" surface ignition. As the samples were described by the client as suitable for dry cleaning so the testing was performed in the 'as received' state and also after the pre-treatment statement below. The samples were then conditioned for 24 hours in an atmosphere having a temperature of $20 \pm 2^{\circ}\text{C}$ and a relative humidity of $65 \pm 5\%$.

Pre-treatment: Water soak plus 6 dry cleaning cycles to BS 5651

In certain cases, non-durable finishes may be employed to meet the performance requirements of this method, these shall not be subject to pre-treatment. However, if such non-durable finishes are used, the fabric shall clearly be labelled as follows:

WARNING: IF WETTED IN ANY WAY IT IS ESSENTIAL TO RE-TREAT THE FABRIC TO MEET FLAMMABILITY REQUIREMENTS; or:

WARNING: WETTING IN ANY WAY MIGHT REMOVE THE FIRE RESISTING QUALITIES OF THE FABRIC.

Type B performance requirements

No part of any hole nor any part of the lowest boundary of any flame shall reach the top edge or either vertical edge of the sample. If any part of any hole or any part of the lowest boundary of any flame, reaches the top edge or either vertical edge, or if there is any separation of any flaming debris droplets in the testing of one specimen, a further six specimens shall be tested. If all six new specimens comply with the above requirements, the fabric shall be deemed to conform to the requirements for type "B" of the above standard.

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Results

The following test results relate only to the ignitability of the combination of 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.

They also only relate to the materials tested. They do not guarantee to represent the performance of production materials.

As Received	Warp/Length			Weft/Width		
	1 ↑	2 ↓	3 ↑	1 →	2 ←	3 →
Flames reached edge?	No	No	No	No	No	No
Hole reached edge?	No	No	No	No	No	No
Flaming debris?	No	No	No	No	No	No
Duration of afterflame, s	0	0	0	0	0	0

After Pre-treatment	Warp/Length			Weft/Width		
	1 ↑	2 ↓	3 ↑	1 →	2 ←	3 →
Flames reached edge?	No	No	No	No	No	No
Hole reached edge?	No	No	No	No	No	No
Flaming debris?	No	No	No	No	No	No
Duration of afterflame, s	0	0	0	0	0	0

Comments

The sample submitted complies with the flammability requirements for Type B performance.

Decision rules

The decision rule applicable to statements of conformity relating to the test(s) carried out is simple acceptance based on the measured test results not falling within a range either side of a specified limit that is equal to the uncertainty of measurement for the parameter measured (based on 95% confidence levels). In all other regards, the decision rule is based on simple acceptance predicated upon the conditions of testing falling within the criteria for test set out in the test method with a conformance probability of 95%. The risk of false accept or false reject is therefore not greater than 2.5%.

Uncertainty of measurement: Timings ±0.4s
Dimensions ±0.5mm

