

**Report 379013.3**

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DATE RECEIVED	:	29 JULY 2021
DATE TESTED	:	26 AUGUST 2021
QUALITY REFERENCE	:	61530
KINNASAND REFERENCE	:	6821 DATER
REPUTED FIBRE CONTENT	:	92% PES TREVIRA CS 8% PES NSK
COLOUR / DESIGN	:	590
FABRIC DESCRIPTION	:	WOVEN
END USE	:	CURTAIN

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REQUEST: FIRE TESTS ACCORDING TO BS 5867 - 2:2008 Fabrics for curtains, drapes and window blinds – Part 2: Flammability requirements – specification

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

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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**

As requested by the client, the specimens of ‘61530’ were tested in the as received condition and after 50 cycles of the appropriate cleansing procedure specified in BS EN ISO 10528:1995, to the test methods described in BS EN ISO 15025:2002, procedure “A”

Flame application times of 5, 15, 20, 30 seconds were used.

BS 5867 states that: -

**Type C 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 specimen and there shall be no separation of any flaming debris from any specimen, or if the mean afterflame or afterglow times exceed 2.5 s, the fabric shall be deemed not to comply with the requirements for type “C” of this British Standard.

**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.

Original condition	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
5 seconds				
Afterflame	0.0	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.0			
Mean Afterglow	0.0			

Original condition	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
15 seconds				
Afterflame	0.0	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.0			
Mean Afterglow	0.0			

Original condition 20 seconds	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
Afterflame	0.0	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.0			
Mean Afterglow	0.0			

Original condition 30 seconds	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
Afterflame	0.0	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.0			
Mean Afterglow	0.0			

After 50 washes 5 seconds	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
Afterflame	0.0	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.0			
Mean Afterglow	0.0			

After 50 washes 15 seconds	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
Afterflame	0.0	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.0			
Mean Afterglow	0.0			

After 50 washes 20 seconds	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
Afterflame	0.0	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.0			
Mean Afterglow	0.0			

After 50 washes 30 seconds	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
Afterflame	0.0	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.0			
Mean Afterglow	0.0			

**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

