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FLAMMABILITY TEST REPORT

Company Name & Address: DELIUS GMBH & CO. KG

GOLDSTR. 16-18 33602 BIELEFELD

Contact Name: PETRA BAUMHÖFNER

Sample Details

Order No.: 895
Sample Description: Not stated
Ref/Style No.: 24563
Colour.: Not stated
Ouality: Lea

Supplier: Delius GmbH & Co. KG

Batch No.: Not stated

End Use: Drapes and curtains

No. Of Samples:

Quoted Fibre Composition: 100% Polyester Trevira CS Weight/Width: Approx. 520g m² / 140 cm

Retailer: Other Retailer Buying Division: Not stated

Sample Description: Brown coloured woven fabric with pile

Test Method	Pre Treatment	Performance Requirement	Result
IMO FTP Code (2010) Annex 1, Part 7: Test for Vertically Orientated Support Textiles and Films	None – The scope states that "fabrics which are not inherently flame resistant should be exposed to cleaning or exposure procedures"	IMO FTP Code (2010) Annex 1, Part 7, Clause 3	PASS

Note: The fabric supplied was tested with no pre-treatments at the request of the customer.

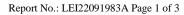
Please note: The testing was carried out in the ISO 6941 environment

STEVEN OWEN
(Technical & Operational
Excellence Manager)

ANDREW HALLETT (Flammability Team Leader)

CAROLE SPOWART
(Flammability
Administrator)

GREGORY JAMES (Flammability Technician)







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Additional Information (Annex)

Name and Address of the Sponsor:

Name and Address of the

DELIUS GMBH & CO. KG

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Manufacturer/Supplier (If known):

Type of Furniture:

Fabric Details – Weave/Density/Yarn

count/thickness(mm)/mass(g/m²) Colour & Tone: Not stated Not stated No

Drapes and Curtains

Fire Retardant Treatment:

Test Specification

Test Method: IMO FTP Code (2010) Annex 1, Part 7

Ignition Source: 40mm high Propane gas flame

Ignition Type: Bottom edge ignition (as determined by the pre-test)

Flame Application Time: 15 seconds (as determined by the pre-test)

Sample Size: 220 x 170mm

Side Tested: Face

Uncertainty of Measurement

The uncertainty of measurement has been estimated to be 4.40%

Pre-treatment / Durability Procedure

None – At the request of the customer.

Conditioning

Prior to Testing: At least 24 hours in an atmosphere having a temperature of 20±5°C. and a relative

humidity of 65±5%

At Time of Testing: Temperature between 15°C & 30°C. Relative humidity between 20% & 65%

Test Results

Report of tests carried out in accordance IMO FTP Code (2010) Annex 1, Part 7.

"The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use."

Sample No./	Duration of	Duration of	Flaming			aged length (mm)	Average Damage Length (mm)	
Direction	flaming (Secs)	afterglow (Secs)	debris	edge		Horizontal	Vertical	Length (mm)
1. Length ↑	0.0	0.0	No	No	No	22	75	
2. Length ↓	0.0	0.0	No	No	No	18	83	
3. Length ↑	0.0	0.0	No	No	No	20	77	75.0
4. Length ↓	0.0	0.0	No	No	No	20	75	
5. Length ↑	0.0	0.0	No	No	No	24	65	
6. Width →	0.0	0.0	No	No	No	25	102	
7. Width ←	0.0	0.0	No	No	No	25	90	
8. Width →	0.0	0.0	No	No	No	23	85	83.0
9. Width ←	0.0	0.0	No	No	No	24	68	
10. Width →	0.0	0.0	No	No	No	25	70	

Report No.: LEI22091983A Page 2 of 3







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The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %. Unless otherwise specified all compliance and pass/fail statements are binary simple acceptance based on the tolerance interval and, with the exception of graded methods, a test uncertainty ratio greater (TUR) than 4:1. For graded methods the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are on or close to Specification Limits / Requirements and in such cases it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.

Report No.: LEI22091983A Page 3 of 3

