

## FLAMMABILITY TEST REPORT

Report No.: LEI21032938A

Date Received: 16/03/21

Date Tested: 31/03/21

Date Issued: 31/03/21

**Company Name & Address:** DELIUS GMBH & CO. KG  
GOLDSTR, 16-18  
33602 BIELEFELD

**Contact Name:** PETRA BAUMHÖFNER

### Sample Details

Order No.: 791  
Sample Description: Not stated  
Ref/Style No.: 43987  
Colour.: Not stated  
Quality: Ada  
Supplier: Delius GmbH & Co. KG  
Batch No.: Not stated  
End Use: Drapes and curtains  
No. Of Samples: 1  
Quoted Fibre Composition: 100% PES FR  
Weight/Width: Approx. 430g/m<sup>2</sup> / 140 cm  
Retailer: Not stated  
Buying Division: Not stated  
Sample Description: Brown coloured woven fabric

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



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**STEVEN OWEN**  
(Technical & Operational  
Excellence Manager)

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**ANDREW HALLETT**  
(Flammability Team Leader)

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**CAROLE SPOWART**  
(Flammability  
Administrator)

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**GREGORY JAMES**  
(Flammability Technician)

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### Additional Information (Annex)

Name and Address of the Sponsor: Delius GmbH & Co. KG  
Name and Address of the Manufacturer/Supplier (If known): Delius GmbH & Co. KG  
Type of Furniture: Drapes and curtains  
Fabric Details – Weave/Density/Yarn count/thickness(mm)/mass(g/m<sup>2</sup>): Approx. 430g/m<sup>2</sup> / 140 cm  
Colour & Tone:  
Fire Retardant Treatment: No

### Test Specification

Test Method: IMO FTP Code (2010) Annex 1, Part 7  
Ignition Source: 40mm high Propane gas flame  
Ignition Type: Surface edge (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./ Direction	Duration of flaming (Secs)	Duration of afterglow (Secs)	Flaming debris	Flame to edge	Hole to edge	Maximum damaged length (mm)		Average Damage Length (mm)
						Horizontal	Vertical	
1. Length ↑	0.0	0.0	No	No	No	18	80	67.8
2. Length ↓	0.0	0.0	No	No	No	20	66	
3. Length ↑	0.0	0.0	No	No	No	18	63	
4. Length ↓	0.0	0.0	No	No	No	22	70	
5. Length ↑	0.0	0.0	No	No	No	18	60	
6. Width →	0.0	0.0	No	No	No	18	65	71.0
7. Width ←	0.0	0.0	No	No	No	21	80	
8. Width →	0.0	0.0	No	No	No	18	65	
9. Width ←	0.0	0.0	No	No	No	19	67	
10. Width →	0.0	0.0	No	No	No	23	78	

## FLAMMABILITY TEST REPORT

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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.