

FLAMMABILITY TEST REPORT

Report No.: LEI20112544A **Date Received:** 25/11/20 **Date Tested:** 27/11/20 **Date Issued:** 27/11/20

Company Name & Address: DELIUS GMBH & CO. KG
GOLDSTRASSE 16-18
DE-33602 BIELEFELD
GERMANY

Contact Name: P. BAUMHÖFNER

Sample Details

Order No.: 776
Sample Description: Not stated
Ref/Style No.: 32470
Batch No.: Not stated
Quality: Manchester
Colour: Not stated
Supplier: Delius GmbH & Co. KG
End Use: Drapes and curtains
Quoted Fibre Composition: 100% Wool
Weight/Width: Approx.. 390g/m² / 155cm
Retailer: Not stated
Buying Division: Not stated
Sample Description: Beige 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



ANDREW HALLETT
(Flammability Team Leader)

CAROLE SPOWART
(Flammability Administrator)

GREGORY JAMES
(Flammability Technician)

STEVEN OWEN
(Technical & Operational Excellence Manager)

FLAMMABILITY TEST REPORT

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/m²): Not stated
Colour & Tone:
Fire Retardant Treatment: Not stated

Test Specification

Test Method: IMO FTP Code (2010) Annex 1, Part 7
Ignition Source: 40mm high Propane gas flame
Ignition Type: Bottom 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 ↑	4.9	0.0	No	No	No	24	83	75.2
2. Length ↓	0.0	0.0	No	No	No	27	63	
3. Length ↑	0.0	0.0	No	No	No	25	80	
4. Length ↓	0.0	0.0	No	No	No	25	76	
5. Length ↑	0.0	0.0	No	No	No	24	74	
6. Width →	0.0	0.0	No	No	No	23	85	85.4
7. Width ←	0.0	0.0	No	No	No	25	90	
8. Width →	0.0	0.0	No	No	No	23	85	
9. Width ←	0.0	0.0	No	No	No	23	85	
10. Width →	0.0	0.0	No	No	No	24	82	

FLAMMABILITY TEST REPORT

The client acknowledges and agrees that any services provided and/or reports produced by Intertek are done so within the limits of the scope of work agreed pursuant to the client's specific instructions. This report relates specifically to the sample(s) tested that were drawn and delivered by the client or their nominated third party. Intertek does not make any representation or warranty for any bulk samples or certify the bulk samples received from the client. Furthermore, Intertek does not provide a warranty or verification on the sample(s) representing any specific goods, material and/or shipment and only relate to the sample(s) as received and tested. Intertek have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. In no event, will the contents of any reports or any extracts, excerpts or parts of any reports be distributed or published without the prior written consent of Intertek in each instance. Only the client is authorized to permit copying or distribution of this report (and then only in its entirety). Any such third parties to whom this report may be circulated rely on the content of the report solely at their own risk.

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.