

FLAMMABILITY TEST REPORT

Report No.: LEI21043134A **Date Received:** 29/04/21 **Date Tested:** 07/05/21 **Date Issued:** 07/05/21

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

Contact Name: PETRA BAUMHÖFNER

Sample Details

Order No.: 802
 Sample Description: Not stated
 Ref/Style No.: Not stated
 Colour.: Not stated
 Quality: Silk Delilight
 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. 70g/m² / 300 cm
 Retailer: Not stated
 Buying Division: Not stated
 Sample Description: Beige coloured woven fabric

Test Method	Pre Treatment	Flammability Performance Requirement	Result
BS 5867: Part 2: 2008	12 Cycles of BS EN ISO 10528 (Reduced Washing Procedure) @ 40°C and then line dried.	Type B	PASS
<p>Note: In accordance with clause 7 of BS 5867: Part 2: 2008 a fabric for which compliance with the requirements of this standard is claimed shall be supplied with the following information, the manufacturer's name, trademark or other identifying mark, the statement 'Flammability complies with the requirements of BS 5867: Part 2 Type B' and instructions on any special precautions to be taken concerning care (including cleansing) of the product, preferably using an appropriate care labelling symbol in accordance with BS EN ISO 3758 and taking account of the durability procedure used in this test.</p>			



ANDREW HALLETT
(Flammability Team Leader)

CAROLE SPOWART
(Flammability Technician)

GREGORY JAMES
(Flammability Technician)

STEVEN OWEN
(Technical & Operational Excellence Manager)

FLAMMABILITY TEST REPORT

Test Specification

Test Method: BS 5867: Part 2: 2008 Type B using BS EN ISO 15025:2002
(With the modifications from clause 6.3.2 of BS 5867: Part 2: 2008).
Ignition Source: 25mm horizontal reach Propane gas flame
Ignition Type: Surface
Flame Application Time: 15±1 seconds
Sample Size: 200 x 160mm
Side Tested: Face

Uncertainty of Measurement

The uncertainty of measurement has been estimated to be 4.40%.

Pre-treatment / Durability Procedure

12 Cycles of BS EN ISO 10528 (Reduced Washing Procedure) @ 40°C and then line dried.

Conditioning

Prior to Testing: At least 24 hours in an atmosphere having a temperature of 20±2°C. and a relative humidity of 60±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 with BS EN ISO 15025:2002. The results may not apply to situations where there is restricted air supply or prolonged exposure to large sources of intense heat as in a conflagration.

Test before pre-treatment

Sample No./ Direction	Duration of flaming (Secs)	Duration of afterglow (Secs)	Flaming debris	Flame to edge	Hole to edge	Maximum damaged length (mm)	
						Horizontal	Vertical
1. Length ↑	0.0	0.0	No	No	No	27	100
2. Length ↓	0.0	0.0	No	No	No	25	130
3. Length ↑	0.0	0.0	No	No	No	22	135
4. Width →	0.0	0.0	No	No	No	26	133
5. Width ←	0.0	0.0	No	No	No	22	115
6. Width →	0.0	0.0	No	No	No	20	143

Test after pre-treatment

Sample No./ Direction	Duration of flaming (Secs)	Duration of afterglow (Secs)	Flaming debris	Flame to edge	Hole to edge	Maximum damaged length (mm)	
						Horizontal	Vertical
1. Length ↑	0.0	0.0	No	No	No	27	143
2. Length ↓	0.0	0.0	No	No	No	20	124
3. Length ↑	0.0	0.0	No	No	No	30	122
4. Width →	0.0	0.0	No	No	No	18	144
5. Width ←	0.0	0.0	No	No	No	18	142
6. Width →	0.0	0.0	No	No	No	19	150

Conclusions

When tested before and after the durability procedure detailed above the sample meets the flammability performance requirements of BS 5867: Part 2: 2008 Type B. **PASS.**

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.