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FLAMMABILITY TEST REPORT

Report No.: LEI22021228A **Supplementary** | **Date Received:** 15/02/22 | **Date Tested:** 21/02/22 | **1st Date Issued:** 21/02/22 **Supplementary Issued:** 12/04/22

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

Contact Name: PETRA BAUMHÖFNER

Sample Details

Order No.:	857
Sample Description:	Not stated
Ref/Style No.:	31139
Colour.:	Not stated
Quality:	Active Design Daisy
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:	Other Retailer
Buying Division:	Not stated
Sample Description:	Green and cream 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**

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.

~~STEVEN OWEN~~ (~~Technical & Operational Excellence Manager~~)	ANDREW HALLETT (Flammability Team Leader)	~~CAROLE SPOWART~~ (~~Flammability Technician~~)	~~GREGORY JAMES~~ (~~Flammability Technician~~)

ITS Testing Services (UK) Ltd
Registered in England No. 1408264. Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ

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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	20	106
2. Length ↓	0.0	0.0	No	No	No	19	95
3. Length ↑	0.0	0.0	No	No	No	18	90
4. Width →	0.0	0.0	No	No	No	19	108
5. Width ←	0.0	0.0	No	No	No	18	83
6. Width →	0.0	0.0	No	No	No	22	78

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	19	87
2. Length ↓	0.0	0.0	No	No	No	18	80
3. Length ↑	0.0	0.0	No	No	No	18	95
4. Width →	0.0	0.0	No	No	No	19	88
5. Width ←	0.0	0.0	No	No	No	20	81
6. Width →	0.0	0.0	No	No	No	19	73

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.**

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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.

Revisions To Test Report: (1)

Sample Details	**Original Detail(s)**	**Revised Detail(s)**
Ref/Style No.:	30974-057	31139
Quality:	Druck auf Desiree Alternative	Active Design Daisy

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