

PROLIGHT CONCEPTS (UK) LTD.
LUMEN HOUSE, STANCLIFFE STREET, LANCASHIRE BLACKBURN, BB2 2RP, UNITED KINGDOM

Sample Description : HEAVY DUTY MOLTON
Country of Origin : CHINA
Country of Destination : UNITED KINGDOM

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : SDFS2108005100FF
Sample Receiving Date : Aug 10, 2021
Test Performing Date : Aug 10, 2021 to Aug 16, 2021
Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	EN13773:2003+A1:2007 Textile and textile products- Burning behaviour-Curtains and drapes-Classification scheme	Class 1	No cleaning procedure as per client's requirement.
For further details, please refer to the following page(s)			

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch



Peter Zhao
Authorized Signatory

scan to see the report



SDHL2108014522HI-01



SGS-CSTC Standards Technical Services Co., Ltd.
Shunde Branch Harbin

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1/F, 1st Building, European Industrial Park, No.1 Shunhe South Road, Wusha Section, Daliang Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgs.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

Test Conducted:

This test is conducted as per EN 13773:2003+A1:2007 Textiles and textile products — Burning behaviour — Curtains and drapes Classification scheme. And the test methods as following:

1. EN 1101, Textiles and textile products - Burning behaviour - Curtains and drapes - Detailed procedure to determine the ignitability of vertically oriented specimens (small flame).
2. EN 1102, Textiles and textile products - Burning behaviour - Curtains and drapes - Detailed procedure to determine the flame spread of vertically oriented specimens.
3. EN 13772, Textiles and textile products - Burning behaviour - Curtains and drapes - Measurement of flame spread of vertically oriented specimens with large ignition source.

I. Sample Details

Weight:	416 g/m ²
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II. Class Definitions

Class	Ignitability	Flame Spread
1	Non ignition according to EN 1101	1 st marker threads not severed, no flaming debris, according EN 13772
2	Non ignition according to EN 1101	3 rd marker threads not severed, no flaming debris, according EN 13772
3	Non ignition according to EN 1101	3 rd marker threads severed, and/or flaming debris, according EN 13772
4	Ignition according to EN 1101	3 rd marker threads not severed, no flaming debris, according EN 1102
5	Ignition according to EN 1101	3 rd marker threads severed, and/or flaming debris, according EN 1102

Class allocation according to class number is given hereafter:

If at least two specimens (out of six) give a result (severing the marker thread and/or flaming debris) belonging to a higher number class the material shall be given in this higher class.

If only one specimen (out of six) gives a result (ignition of marker thread or flaming debris) belonging to a higher number class, 3 new extra specimens shall be tested in the same direction as the one giving the worst result.

If none of these new specimens gives a result belonging to the higher number class the material shall be classified in the lower number class.

If at least one of the extra specimens tested gives a result belonging to the higher number class the material shall be given this class.



III. Test Results:

1. **Ease of Ignition** (According to the edge ignition test of EN 1101)

Pre-condition

Cleansing	No(As per client's request)
Conditioning	Temperature: (20±2)°C; Relative Humidity: (65±5)%; Duration: 24 hours

Table A-1 the Length Direction Vertical

Test number	Flame application time/s	Rating	Test number	Flame application time	Rating
1	1	0	7	15	0
2	2	0	8	20	0
3	3	0	9	20	0
4	4	0	10	20	0
5	5	0	11	20	0
6	10	0	12	20	0

Table A-2 the Width Direction Vertical

Test number	Flame application time/s	Rating	Test number	Flame application time	Rating
1	1	0	7	15	0
2	2	0	8	20	0
3	3	0	9	20	0
4	4	0	10	20	0
5	5	0	11	20	0
6	10	0	12	20	0

In recording the results, a cross (X) has been used to indicate ignition and a zero (0) to indicate non-ignition.

Result: The submitted sample meet the **Ignitability** performance requirement of **Non-Ignition**.



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2. Flame Spread (According to the edge ignition tests of EN 13772 or EN 1102)

(1).EN 13772

Pre-condition

Cleansing	No(As per client's request)
Conditioning	Temperature: (20±2)°C; Relative Humidity: (65±5)%; Duration: 24 hours

Table B-1 the Surface of Specimens with Length Direction Vertical

Particulars	1	2	3	4
From the start of the application of the igniting flame to the severance of the first marker thread t_1 (s)	N/S	N/S	N/S	N/S
From the start of the application of the igniting flame to the severance of the third marker thread t_3 (s)	N/A	N/A	N/A	N/A
Whether any flaming debris	No	No	No	No

Table B-2 the Surface of Specimens with Width Direction Vertical

Particulars	1	2	3	4
From the start of the application of the igniting flame to the severance of the first marker thread t_1 (s)	N/S	N/S	N/S	N/S
From the start of the application of the igniting flame to the severance of the third marker thread t_3 (s)	N/A	N/A	N/A	N/A
Whether any flaming debris	No	No	No	No

Remark: DNI=Did not ignite; N/A=Not applicable; N/S=Not spread to the marker thread.

Result: The submitted sample meet the **Flame Spread** performance requirement of **class 1**.

IV. Conclusion: Based on the above results and acceptance criteria, the tested sample comply with: **Class 1**.



Photo Appendix:



Remark: This test report is to supersede No. SDHL2108014522HI test report which was issued on Aug 16, 2021. And the original test reports (paper and electronic) are invalid.

End of Report

