

## Test Report

No. AJFS1810009950FF

Date: OCT.15, 2018

Page 1 of 4

KUANGING INDUSTRIAL CO., LTD.

1502-1-1 NO.221 SHIXINN.RD,;, XIAOSHAN, HANGZHOU, ZHEJIANG

The following sample(s) was / were submitted and identified on behalf of the client as:

**Sample Description:** 100% IFR POLYESTER

**Color:** GREEN

**Style/Item No.:** KH8322-22

**Composition:** 100% IFR POLYESTER

**Supplier:** KUANGING INDUSTRIAL CO., LTD.

**Manufacturer:** KUANGING INDUSTRIAL CO., LTD.

**Country of Destination:** USA

**End Use Application:** DRAPERY

**Test Requested:**

Resolution MSC.307 (88) (adopted on 3 December 2010)

Adoption of the international code for application of fire test procedures, 2010 (2010 FTP code)

Part 7- Test for Vertically Supported Textiles and Films.

**Test Results:** -- See attached sheet --

**Conclusion:** The tested sample **meets** the requirements of 2010 FTP code, Part 7 Test for Vertically Supported Textiles and Films.

**Test Period:**

Sample Receiving Date : OCT.10, 2018

Test Performing Date : OCT.10, 2018 TO OCT.12, 2018

Signed for and on behalf of  
SGS-CSTC Co., Ltd. Anji Branch

Allen Zou  
Technical Manager



SGS-CSTC Inspection & Testing Services Co., Ltd.  
Anji Branch Hangzhou

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgs.com  
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编: 313300 t (86-572) 5018825 f (86-572) 5018829 e sgs.china@sgs.com

**I. Test conducted**

This test was conducted according to “International code for application of fire test procedures, 2010, Part 7- Test for Vertically Supported Textiles and Films”.

The test method be carrying out according to “2010 FTP Code Part 7 Annex 1 Fire test procedures for determining the resistance to flame of vertically supported textiles and films”.

**II. Sample details**

|                        |   |
|------------------------|---|
| Sample description     | Fabric  |
| Color                  | Light Green   |
| Area density           | About 257 g/m <sup>2</sup>  |
| Products configuration | [ <input checked="" type="checkbox"/> ] Single layer, [        ] Multi layers |
| Size of sample         | 220mm×170mm   |

**Conditioning:**

Cleaning at procedure details: None

Prior to testing, the specimen was conditioned at least 24 h in an atmosphere having a temperature of 20±5°C and a relative humidity of 65±5%.

**III. Test results**

Based on the preliminary tests, the ignition mode was selected in two directions as:

**Warp:** [  ] Face ignition, [        ] Bottom edge ignition; [        ] 5 s; [  ] 15 s

| Orientation of test specimen                |  | 1↑ | 2↓ | 3↑ | 4↓ | 5↑ | Average |
|---|--|----|----|----|----|----|---------|
| Duration of afterflame (s)                  |  | 0  | 0  | 0  | 0  | 0  | 0       |
| Duration of afterglow (s)                   |  | 0  | 0  | 0  | 0  | 0  | 0       |
| Occurrence of debris/drops (Yes or No)      |  | NO | NO | NO | NO | NO |         |
| Drops/debris ignite cotton wool (Yes or No) |  | NO | NO | NO | NO | NO |         |
| Flaming to upper/vertical edge (Yes or No)  |  | NO | NO | NO | NO | NO |         |
| Hole reached an edge* (Yes or No)           |  | NO | NO | NO | NO | NO |         |
| Glowing reached an edge (Yes or No)         |  | NO | NO | NO | NO | NO |         |
| Max. damaged length (mm)                    |  | 93 | 88 | 95 | 90 | 86 | 90      |
| Surface flash (mm)                          |  | 0  | 0  | 0  | 0  | 0  | 0       |

To be continued...



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com  
 No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgs.com  
 中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编: 313300 t (86-572) 5018825 f (86-572) 5018829 e sgs.china@sgs.com

# Test Report

No. AJFS1810009950FF

Date: OCT.15, 2018

Page 3 of 4

Weft: [        ] Face ignition, [  ] Bottom edge ignition; [        ] 5 s; [  ] 15 s

| Orientation of test specimen                |  | 1→  | 2←  | 3→  | 4←  | 5→  | Average |
|---|--|-----|-----|-----|-----|-----|---------|
| Duration of afterflame (s)                  |  | 0   | 0   | 0   | 0   | 0   | 0       |
| Duration of afterglow (s)                   |  | 0   | 0   | 0   | 0   | 0   | 0       |
| Occurrence of debris/drops (Yes or No)      |  | NO  | NO  | NO  | NO  | NO  |         |
| Drops/debris ignite cotton wool (Yes or No) |  | NO  | NO  | NO  | NO  | NO  |         |
| Flaming to upper/vertical edge (Yes or No)  |  | No  | No  | No  | No  | No  |         |
| Glowing reached an edge (Yes or No)         |  | No  | No  | No  | No  | No  |         |
| Max. damaged length (mm)                    |  | 116 | 119 | 108 | 113 | 115 | 114     |
| Surface flash (mm)                          |  | 0   | 0   | 0   | 0   | 0   | 0       |

\*/\*\* Only for Face ignition

**Performance criteria for curtains and drapes (clause 3 of msc.307(88), annex 1 of part 7):**

3.1 Products which show any of the following characteristics obtained by the fire test in appendix 1, shall be considered unsuitable for use as curtains, draperies, or free-hanging fabric product for use in rooms containing furniture and furnishings of restricted fire risk as defined in the relevant regulations of chapter II-2 of the Convention:

- 1) an after-flame time greater than 5 s for any of the 10 or more specimens tested with a surface application of the pilot flame (see also paragraph 3.2 below);
- 2) burn through, as determined by appendix 2, to any edge of any of the 10 or more specimens tested with a surface application of the pilot flame (see also paragraph 3.2 below);
- 3) ignition of cotton wool below the specimen in any of the 10 or more specimens tested (see also paragraph 3.2 below);
- 4) an average char length, as determined by appendix 2, in excess of 150 mm observed in any of the batches of five specimens tested by either surface or edge ignition; and
- 5) the occurrence of a surface flash propagating more than 100 mm from the point of ignition with or without charring of the base fabric (see also paragraph 3.2 below).

To be continued...



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Inspection & Testing Services Co., Ltd.  
Anji Branch Harbin

No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgs.com  
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编:313300 t (86-572) 5018825 f (86-572) 5018829 e sgs.china@sgs.com

3.2 If, following analysis of the experimental data from tests of a fabric, it is found that either or both of the batches of five specimens cut in both warp and weft directions fail to meet one or more of the criteria specified in subparagraphs .1 to .3 and .5 above because of poor performance of only one of the five specimens tested, one complete retest of a similar batch is permitted. Failure of the second batch to meet any of the criteria shall provide the basis for rejection of the fabric for use.

### STATEMENTS:

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.

### Photo Appendix:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

