



DIVERSIFIED
TESTING LABORATORIES, INC.
WORLDWIDE SERVICE

“We Test Per Your Request”

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September 28, 2018

Mr. Logan Jones
RICHLOOM FABRICS GROUP
P.O. Box 1157
Clinton, SC 29325

Reference: Laboratory Test Report
Lab Identification No. 32431
Invoice No. 63645

Dear Mr. Jones:

One (1) fabric sample, identified as **HUTCHING AEGEAN PIECE# 9298646 LOT# 516205 FOR MELISSA WARD**, was received and tested in accordance with the National Fire Protection Association No. 701, "Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, 2015 Edition, (Test 1)". The results are as follows:

| <u>Specimen Number</u> | <u>Test Results</u> | |
|------------------------|------------------------------------|---------------------------------|
| | <u>Residual Flame</u> (seconds) | <u>Weight Loss</u> (percent) |
| 1 | 0.0 | 16.12 |
| 2 | 0.0 | 33.43 |
| 3 | 0.0 | 6.67 |
| 4 | 0.0 | 24.31 |
| 5 | 0.0 | 6.48 |
| 6 | 0.0 | 27.83 |
| 7 | 0.0 | 7.07 |
| 8 | 0.0 | 26.38 |
| 9 | 0.0 | 22.71 |
| <u>10</u> | <u>0.0</u> | <u>11.48</u> |
| AVG | 0.0 | 18.25 |

The sample submitted **meets** the minimum requirements of the above standard. The average percent weight loss cannot exceed 40% and the weight loss of individual specimens cannot exceed mean value plus three standard deviations. The average residual flame cannot exceed 2.0 seconds.

If there are any questions or when we can be of further assistance, please let us know.

Sincerely,

Brian S. Dement

BSD/mr



certificate of testing

client Richloom Bailey Plant
100 Bailey Plant Road
Clinton, SC 29325
product identification Hutchings (color Ecru)

test method performed international maritime organization (imo) fire test procedures (ftp) code – 2010, annex 1
part 7 – test for vertically supported textiles and films
date of test 3.6.2023

test results

| | specimen | after flame (s) | after glow (s) | surface flash (y/n) | edge reached (y/n) | ignition of cotton wool (y/n) | char length (mm) | test conducted |
|------|----------|-----------------|----------------|---------------------|--------------------|-------------------------------|------------------|---|
| warp | 1 | 0.0 | 0.0 | n | n | n | 48 | <input type="checkbox"/> 5s face ignition |
| | 2 | 0.0 | 0.0 | n | n | n | 81 | <input type="checkbox"/> 15s face ignition |
| | 3 | 0.0 | 0.0 | n | n | n | 48 | <input type="checkbox"/> 5s edge ignition |
| | 4 | 0.0 | 0.0 | n | n | n | 61 | <input checked="" type="checkbox"/> 15s edge ignition |
| | 5 | 0.0 | 0.0 | n | n | n | 55 | |
| | avg | 0.0 | 0.0 | | | | 59 | |
| fill | 6 | 0.0 | 0.0 | n | n | n | 42 | |
| | 7 | 0.0 | 0.0 | n | n | n | 74 | |
| | 8 | 0.0 | 0.0 | n | n | n | 50 | |
| | 9 | 0.0 | 0.0 | n | n | n | 60 | |
| | 10 | 0.0 | 0.0 | n | n | n | 50 | |
| | avg | 0.0 | 0.0 | | | | 55 | |

test information

test conditions 70 ±3.5°F, 50 ±5% relative humidity
conditioning time 70 ±4°F, 65 ±5% relative humidity minimum 24 hours
ignition source 40mm propane gas flame
side tested face back face + back
cleaning / weathering used none
sampling as received
date samples received 3/2/2023

client provided information

manufacturer / supplier not provided
manufacturer address not provided
product end use drapery / curtains
sampling procedure as received
fabric composition 100% polyester
pick / end count 96 x 66
yarn number count not provided
thickness of fabric not provided
weight of fabric 300.92 gsm
color and tone ecru
flame retardant treatment not provided

acceptance criteria

- | | |
|--|---|
| <p>face ignition</p> <ul style="list-style-type: none"> after flame ≤5 seconds for any specimen no flame propagation to the edges for any specimen | <p>face or edge ignition</p> <ul style="list-style-type: none"> no ignition of cotton wool for any specimen average char length ≤150mm for either test direction no occurrence of a surface flash for more than 100mm from the point of ignition |
|--|---|

certificate of testing

conclusion

based upon the test results and acceptance criteria listed above, the product identified

- meets the requirements of the FTP code annex 1 part 7
- does not meet the requirements of the FTP code annex 1 part 7

certification statement by signing below, the lab certifies that the results were obtained after testing specimens submitted by the client in accordance to the procedures and equipment specified by the standard stated above.

approved by: 

**The IMO FTP code states that "the test results relate to the behavior 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 haze of the product in use"*

appendix

determination of test conditions

| flame application time | surface | | | | edge | | | |
|------------------------|---------|----|----|----|------|----|----|----|
| | 5 | | 15 | | 5 | | 15 | |
| | w | f | w | f | w | f | w | f |
| after flame (s) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| after glow (s) | 2 | 2 | 5 | 4 | 5 | 3 | 0 | 0 |
| surface flash | n | n | n | n | n | n | n | n |
| edge reached | n | n | n | n | n | n | n | n |
| ignition cotton wool | n | n | n | n | n | n | n | n |
| char length (mm) | 32 | 34 | 75 | 79 | 51 | 41 | 80 | 60 |

- sustained ignition occurred (after flame ≥5 seconds)
- no sustained ignition: testing continued under conditions showing the greatest damaged length