DIVERSIFIED
TESTING LABORATORIES, INC.
WORLDWIDE SERVICE

"We Test Per Your Request"

336 WEST FRONT STREET
P.O. BOX 4004
BURLINGTON, NORTH CAROLINA 27215
PHONE (336) 227-7710 • FAX (336) 227-1175
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December 9, 2022

Ms. Sandy DePriest
RICHLOOM FABRICS GROUP
100 Bailey Plant Road
Clinton, NC 29325

Reference: Laboratory Test Report
Lab Identification No. 52946
Invoice No. 84276

Dear Ms. DePriest:

One (1) fabric sample, identified as **Timir,** 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, 2019 Edition, (Test 1)". The results are as follows:

Test Results

Specimen Number	Residual Flame (seconds)	Weight Loss (percent)
1	0.0	10.88
2	0.0	11.45
3	0.0	24.47
4	0.0	27.93
5	0.0	18.03
6	0.0	4.04
7	0.0	23.90
8	0.0	21.65
9	0.0	22.45
10	0.0	20.88
AVG	**0.0**	**18.57**

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.

Sincerely,

Brian S. Dement

BSD/mr

DIVERSIFIED TESTING LABORATORIES, INC. SEAL 1975 NORTH CAROLINA

OUR LETTERS AND REPORTS ARE FOR THE EXCLUSIVE USE OF THE CLIENT TO WHOM THEY ARE ADDRESSED. ANY COMMUNICATION TO OTHERS OR THE USE OF OUR COMPANY NAME MUST RECEIVE PRIOR APPROVAL. OUR TEST RESULTS APPLY ONLY TO THE SAMPLE TESTED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. UNLESS OTHERWISE SPECIFIED, ALL COMPLIANCE STATEMENTS ARE SIMPLE ACCEPTANCE. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF THIRTY DAYS. THE LETTERS, REPORTS OR NAME OF DIVERSIFIED TESTING LABORATORIES, INC. MAY NOT BE USED IN ADVERTISING TO THE GENERAL PUBLIC.

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100 Bailey Plant Road
Clinton, NC 29325

Reference: Laboratory Test Report
Lab Identification No. 52946
Invoice No. 84276

Dear Ms. DePriest:

One (1) fabric sample, identified as **Timir,** was received and tested in accordance with **IMO FTPC-2010; International Code for Application of Fire Test Procedures Resolution MSC.307 (88) Annex 1- Fire Test Procedures, Part 7- Test for Vertically Supported Textiles and Films**, "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 hazards of the product in use."

The sample submitted was tested in accordance with Section 6; Test Procedure; sub-sections 6.1-6.4. The results are on the following page.

The sample submitted **meets** the minimum requirements of the above standard. The afterflame time cannot exceed 5 seconds for any specimen. There can be no flame propagation to the edges for any specimen and no ignition of the cotton wool. Average char length cannot exceed 150mm and there can be no occurrence of a surface flash more than 100mm from the point of ignition.

Sincerely,

Brian S. Dement

BSD/mr

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Test Results

Flame Determination

WARP

Surface Face	Sustained Flaming (Y/N)	Char Length (mm)	Edge	Sustained Flaming (Y/N)	Char Length (mm)
5 sec.	N	31	**5 sec.**	N	43
15 sec.	N	37	**15 sec.**	N	*50

FILL

Surface Face	Sustained Flaming (Y/N)	Char Length) (mm)	Edge	Sustained Flaming (Y/N)	Char Length (mm)
5 sec.	N	28	**5 sec.**	N	39
15 sec.	N	40	**15 sec.**	N	*52

*Denotes worst testing condition

15 Sec Edge

WARP

Specimen	Flame Reached Edge (Y/N)	Ignition of Cotton/Wool (Y/N)	Surface Flash (mm)	Afterflame (sec)	Char Length (mm)
1	N	N	0	0	51
2	N	N	0	0	53
13	N	N	0	0	52
4	N	N	0	0	61
5	N	N	0	0	55
Average				**0**	**54**

5 Sec Edge

FILL

Specimen	Flame Reached Edge (Y/N)	Ignition of Cotton/Wool (Y/N)	Surface Flash (mm)	Afterflame (sec)	Char Length (mm)
1	N	N	0	0	49
2	N	N	0	0	47
3	N	N	0	0	50
4	N	N	0	0	49
5	N	N	0	0	53
Average				**0**	**50**

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