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
www.diversifiedtestinglabs.com

August 8, 2024

Ms. Windy Sherwin
VALDESE WEAVERS
P.O. Box 70
Valdese, NC 28690

Reference: Laboratory Test Report
Lab Identification No. 60920
Invoice No. 92211

Dear Ms. Sherwin:

One (1) fabric sample, identified as **F-0270175-01110010 SO# 15458673-10, 55% FR Polyester, 23% PCR Polyester, 22% SEAQUAL POLY, 9.984 oz/ ln yd, 4.992 oz/ sq yd,** 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, 2023 Edition, (Test 1)". The results are as follows:

Test Results

Specimen Number	Residual Flame (seconds)	Weight Loss (percent)
1	0.0	13.84
2	0.0	10.14
3	0.0	10.98
4	0.0	5.82
5	0.0	6.34
6	0.0	6.27
7	0.0	9.60
8	0.0	12.29
9	0.0	13.63
10	0.0	13.89
AVG	**0.0**	**10.28**

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

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Dear Ms. Sherwin:

One (1) fabric sample, identified as **F-0270175-01110010 SO# 15458673-10, 55% FR Polyester, 23% PCR Polyester, 22% SEAQUAL POLY, 9.984 oz/ ln yd, 4.992 oz/ sq yd,** was received and tested in accordance with CAN/ULC-S109-14, "Standard for Flame Tests of Flame-Resistant Fabrics and Films", Small-Flame Test. The results are as follows:

Test Results

	Residual Flame (sec)		Damaged Length (mm)	
Specimen Number	Warp	Fill	Warp	Fill
1	0.0	0.0	90	111
2	0.0	0.0	126	97
3	0.0	0.0	114	105
4	0.0	0.0	112	101
5	0.0	0.0	123	111
Avg.			**109**	

The fabric sample submitted **meets** the minimum requirements of the Small-Flame Test. The maximum average damaged length shall not exceed 165 millimeters and the maximum damaged length for any individual specimen shall not exceed 190 millimeters. No residues shall fall to the floor of the test chamber and continue flaming for more than two (2) seconds at any time during the test.

Sincerely,

Brian S. Dement

BSD/pd

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Reference: Laboratory Test Report
Lab Identification No. 60920
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Dear Ms. Sherwin:

One (1) fabric sample, identified as **F-0270175-01110010 SO# 15458673-10, 55% FR Polyester, 23% PCR Polyester, 22% SEAQUAL POLY, 9.984 oz/ ln yd, 4.992 oz/ sq yd,** was received and tested in accordance with CAN/ULC-S109-14, "Standard for Flame Tests of Flame-Resistant Fabrics and Films", Large-Flame Test. The results are as follows:

Test Results

Specimen Number		Residual Flame (sec)	Damaged Length (mm)
Length	1	0.0	82
Length	2	0.0	79
Width	1	0.0	88
Width	2	0.0	123

The fabric sample submitted **meets** the minimum requirements of the Large-Flame Test. The length of char on the individual folded specimens shall not exceed 635 millimeters. No residues shall fall to the floor of the test chamber and continue flaming for more than two (2) seconds at any time during the test.

Sincerely,

Brian S. Dement

BSD/pd

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