

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

September 12, 2024

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

Reference: Laboratory Test Report
 Lab Identification No. 61377
 Invoice No. 92660

Dear Ms. Sherwin:

One (1) fabric sample, identified as **C-0270380-01100001 SO# 11350370-10, 54.47% FR Polyester, 23.63% PCR Polyester, 21.9% SEAQUAL POLY, 9.920 oz/ In yd, 4.942 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

<u>Specimen Number</u>	<u>Residual Flame</u> (seconds)	<u>Weight Loss</u> (percent)
1	0.0	5.98
2	0.0	5.12
3	0.0	1.95
4	0.0	6.27
5	0.0	4.34
6	0.0	14.13
7	0.0	8.69
8	0.0	14.25
9	0.0	5.94
<u>10</u>	<u>0.0</u>	<u>10.82</u>
AVG	0.0	7.75

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/pd



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Test Results

<u>Specimen Number</u>	<u>Residual Flame (sec)</u>		<u>Damaged Length (mm)</u>	
	<u>Warp</u>	<u>Fill</u>	<u>Warp</u>	<u>Fill</u>
1	0.0	0.0	141	97
2	0.0	0.0	90	104
3	0.0	0.0	134	95
4	0.0	0.0	128	79
5	0.0	0.0	112	79
Avg.			106	

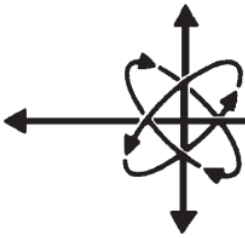
The fabric sample submitted **meets** the minimum requirements of the Small-Flame Test. The maximum average damaged length shall not exceed 165 millimeters and the maximum damaged length for any individual specimen shall not exceed 190 millimeters. No residues shall fall to the floor of the test chamber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

Sincerely,

Brian S. Dement

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Test Results

<u>Specimen Number</u>	<u>Residual Flame (sec)</u>	<u>Damaged Length (mm)</u>
Length 1	0.0	99
Length 2	0.0	101
Width 1	0.0	83
Width 2	0.0	71

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

