



336 WEST FRONT STREET P.O. BOX 4004 BURLINGTON, NORTH CAROLINA 27215 PHONE (336) 227-7710 • FAX (336) 227-1175 www.diversifiedtestinglabs.com "We Test Per Your Request"-

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/ In 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 | <u>Residual Flame</u> (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 | | |
| <u>10</u> | <u>0.0</u> | <u>13.89</u> | | |
| 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.

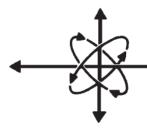
Sincerely,

Brian S. Dement

BSD/mr



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| Test Results | | | | | |
|-----------------|----------------------|-------------|---------------------|-------------|--|
| | Residual Flame (sec) | | Damaged Length (mm) | | |
| Specimen Number | <u>Warp</u> | <u>Fill</u> | Warp | <u>Fill</u> | |
| 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 | | |

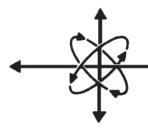
The fabric sample submitted **meets** the minimum requirements of the Small-Flame Test. The maximum average damaged length shall not exceed 165 millimeters and the maximum damaged length for any individual specimen shall not exceed 190 millimeters. No residues shall fall to the floor of the test chamber 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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| Test Results | | | | | | |
|--------------|--------|----------------------|---------------------|--|--|--|
| Specimen N | 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

