

Specializing in Fiber, Yarn, Fabric & Apparel Testing

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ILAC-I.S.O. Certified Third Party Test Report

DATE: June 4, 2009

CLIENT: Integra Fabrics
3650 Ralph Ellis Blvd
Loris, SC 29569

SAMPLE IDENTIFIED BY CLIENT AS:

Fabric Submitted
Style: Russell
Width: 118", 100% Polyester

TEST PROCEDURE:

TEST RESULTS:

NATIONAL FIRE PROTECTION ASSOCIATION 701-2004 TEST 1

	AFTER-FLAME	DRIP BURN	WEIGHT LOSS
	*****	*****	*****
LENGTH:	0.0 Seconds	0.0 Seconds	31.81%
LENGTH:	0.0 Seconds	0.0 Seconds	30.16%
LENGTH:	0.0 Seconds	0.0 Seconds	34.92%
LENGTH:	0.0 Seconds	0.0 Seconds	37.35%
LENGTH:	0.0 Seconds	0.0 Seconds	37.26%
LENGTH:	0.0 Seconds	0.0 Seconds	28.13%
LENGTH:	0.0 Seconds	0.0 Seconds	31.69%
LENGTH:	0.0 Seconds	0.0 Seconds	16.13%
LENGTH:	0.0 Seconds	0.0 Seconds	27.81%
LENGTH:	0.0 Seconds	0.0 Seconds	29.67%
	0.0 Seconds	0.0 Seconds	30.49%

Std Dev: 6.11

3 Std Dev: 18.32

3 Std Dev + Mean: 48.81

TEST RESULT: Pass

6-1 CALCULATION OF PERCENT WEIGHT LOSS:

6-1.1 The percent weight loss of each specimen shall be determined by the following equation:

$$\frac{(\text{Weight before test} - \text{Weight after test})}{(\text{Weight before test})} \times 100 = \text{Percent weight loss}$$

The percent weight loss shall be recorded.

6-1.2 The mean percent weight loss and the standard deviation for the sample consisting of 10 specimens shall be calculated.