



Textile Testing
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Report Number: 60217
 Date: 08-20-2013

For the Account Of: ArcCom Fabrics
 33 Ramland South
 Orangeburg, NY 10962
 Contact: Pat Posillipo

Client's Identification: Structure-X- 97% FR Polyester, 3% X-Static Antimicrobial Fiber

Test Performed NFPA 701 Standard Methods of Fire Test for Flame Propagation of Textiles and Films 2010 - Test #1

TEST RESULTS

Specimen #	Initial Mass (g)	Final Mass (g)	Weight Loss (%)	Flaming Drip (s)	After Flame (s)
1	14.2	12.0	16%	0	0
2	14.1	12.0	14%	0	0
3	14.0	12.0	14%	0	0
4	13.9	11.6	17%	0	10
5	14.0	11.6	17%	1	0
6	14.1	12.3	13%	1	0
7	13.7	11.9	13%	0	0
8	14.0	12.4	11%	0	0
9	13.9	12.8	8%	0	0
10	14.0	13.2	6%	0	0
Average	14.0	12.2	13%	0.2	1.0

Approximate weight (oz./sq. yd): 20.3

Product Configuration: Single Layer Multi Layer
 Conditioning: Oven at 220°F for minimum 30 minutes 70 ±2°F & 65 ±2%RH for minimum 24 hours
 Intended End-use (if known & other than drapery):

ACCEPTANCE CRITERIA

Afterflame is required to be recorded; however, it is not factored into the Acceptance Criteria

- Where fragments or residues of specimens that fall to the floor of the test chamber continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimens, the material shall be recorded as failing. (Flaming Drip)
- Where the average weight loss of the 10 specimens in a sample is greater than 40 percent, the material shall be recorded as failing.
- Individual specimens will be listed as a failure if it exceeds mean + 3 SD
- Where the specimens do not demonstrate performance in accordance with either of the conditions indicated above, the material shall be recorded as passing this test and shall be designated as flame resistant.

CONCLUSION

Based on the above Results and Acceptance Criteria, the item tested:
 Complies
 Does Not Comply
 Testing of 10 additional specimens is required

CERTIFICATION: I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above.

C. VanKuren

Authorized Signature-MB