



United States Testing Company, Inc.

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REPORT OF TEST

Engineering Services

CLIENT: BGF Industries, Inc.
110 Andrew Street
Greensboro, NC 27406

NUMBER: 112923-1

November 22, 1994

Smoke & Fire Prevention Systems
Route 2, Box 552F
Clarksville, VA 23927

SUBJECT: Flammability

REFERENCE:

BGF Industries, Inc., Purchase Order Number 0733-0096 dated October 25, 1994.

Sample Received: 10-25-94

Test Date: 11-14-94

SAMPLE IDENTIFICATION:

One (1) sample was submitted and identified by the Client as follows

Coated Fiberglass Fabric
Styles: 7721, 7722, 7723 to 7729-972 Finishes

TEST PERFORMED:

The submitted sample was tested for Flammability in accordance with the procedures outlined in NFPA 701-89, Large Scale Test (Single Sheets).

Testing Supervised by:

Page 1 Steve Caldarola
of 2 Senior Supervisor
njp Fire Technology

SIGNED FOR THE COMPANY

By
John Lomash
Vice President



• Biology • Chemistry • Environmental • Materials • Facilities in Principal Cities •

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TEST RESULTS

| <u>Specimen</u> | <u>Direction</u> | <u>Dimensions, Inches</u> | <u>Char Length, Inches</u> | <u>After Burn, Seconds</u> |
|-----------------|------------------|-------------------------------|--------------------------------|--------------------------------|
| 1 | Machine | 5 x 84 | 0 | 0 |
| 2 | Machine | 5 x 84 | 0 | 0 |
| 3 | Machine | 5 x 84 | 1 | 0 |
| 4 | Machine | 5 x 84 | 1 | 0 |
| 5 | Machine | 5 x 84 | 1 | 0 |
| 6 | Cross Machine | 5 x 84 | 0 | 0 |
| 7 | Cross Machine | 5 x 84 | 2 | 0 |
| 8 | Cross Machine | 5 x 84 | 1 | 0 |
| 9 | Cross Machine | 5 x 84 | 0 | 0 |
| 10 | Cross Machine | 5 x 84 | 0 | 0 |

Observation: Charring

REQUIREMENTS:

A material tested in single sheets shall not continue flaming for more than two seconds after the test flame is removed. The vertical spread of burning shall not exceed 10 inches above the tip of the test flame. Portions of residues of textiles or films which break or drip from the test specimen shall not continue to flame after they reach the floor of the tester.

CONCLUSION:

The submitted sample meets the requirements when tested per NFPA 701-89 (Single Sheets) as indicated above.