



# United States Testing Company, Inc.

291 FAIRFIELD AVENUE • FAIRFIELD, NEW JERSEY 07004 • 201-575-5252 • Fax: 201-575-8271

## REPORT OF TEST

Engineering Services

**CLIENT:** BGF Industries Inc. **NUMBER:** 112759-R  
 110 Andrew Street  
 Greensboro, North Carolina 27406 **October 26, 1994**

Smoke & Fire Prevention Systems  
 Rt. 2, Box 552F  
 Clarksville, Virginia 23927

**SUBJECT:** Flammability

**REFERENCE:**

BGF Industries, Inc., Purchase Order Number 0733-0087 dated October 12, 1994.

Sample Recd.: 10-11-94 **Test Date:** 10-14-94

**SAMPLE IDENTIFICATION:**

One (1) sample of fiberglass cloth was submitted and identified by the Client as:

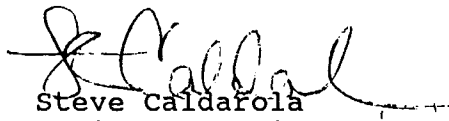
Style 7721, 7782, 7783, 7628  
100% Fiberglass Fabric

**TEST PERFORMED:**


The submitted sample was tested in accordance with the procedures outlined in ASTM E136-92, "Standard Test Method for Behavior of Materials in a Vertical Tube Furnace of 750°C".

**NOTE:** 1-1/2" x 2" sections of material were wired together to produce the necessary specimen size of 1-1/2" x 1-1/2" x 2".

Testing Supervised by:

  
 Steve Caldarola  
 Senior Supervisor  
 Fire Technology

**SIGNED FOR THE COMPANY**

**BY**   
 John Lomash  
 Vice President

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Smoke & Fire Prevention Systems

NUMBER: 112759-R

## TEST RESULTS:

Specimen	Furnace Temperature, °F	Maximum Surface Thermocouple, °F	Maximum Interior Thermocouple, °F	Weight Loss, Percent
1	1380	1390	1350	0.12
2	1380	1410	1260	0.25
3	1380	1420	1280	0.25
4	1380	1380	1290	0.26

Observations: Discoloration, no visible flames or smoke were evident.

## REQUIREMENTS:

Temperature of the surface and interior thermocouples does not, at any time during the test, rise more than 54°F above the furnace air temperature (1382°F) and there shall be no flaming from the specimen after the first 30 seconds.

## CONCLUSION:

The submitted sample meets the requirements as specified in ASTM E136-92.