



The
Govmark
Organization, Inc.

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Page 1

Received:07/31/2002 Completed:08/01/2002 Letter: U rb P.O.#: 72902NR Test Report #: 2-41536-0

Client's Identification Pattern: 4152 Equilibrium (actual product tested). Content: 100% Avora FR Polyester. [see continuation]

Tested For: **Nikki Rubalcaba** Key Test: NFPA 701-99 TM#1 150
Carnegie
110 N Centre Avenue Tel: 1-(516)-678-6770 Ext:145
Rockville Centre, NY 11570 Fax: 1-(516)-536-2499

CLIENT'S IDENTIFICATION (continuation) -- Also representing in content and construction:
4100 Secret Garden; 4102 Into The Woods; 4104 Waterfalling; 4106 Waverunners;
4108 Sweet Dreams; 4110 A Day At The Beach; 4112 Trade Winds; 4114 By The Sea;
4116 Stargazing; 4118 Held In Check; 4120 Alphabet Soup; 4126 Affirmation;
4134 Essence; 4136 Contemplation; 4146 Shadow Play; 4148 Harmony;
4122 Bare Tree

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films (Not Exceeding 700 g/m²) - 1999 Edition - Test Method #1 (** see note on page 2)

PRODUCT CONFIGURATION: Single Layer; Multi Layer

RESULTS REPORTED: Initially; After 3 dry cleanings; After 5 launderings @ 160°F

| RESULTS: Specimen # | Afterflame* (seconds) | Flaming Drip (seconds) | Weight Loss (percent) |
|------------------------|--------------------------|---------------------------|--------------------------|
| 1 | 0.0 | 0.0 | 16.5 |
| 2 | 0.0 | 0.0 | 11.5 |
| 3 | 0.0 | 0.0 | 18.0 |
| 4 | 0.0 | 0.0 | 18.0 |
| 5 | 0.0 | 0.0 | 13.0 |
| 6 | 0.0 | 0.0 | 9.1 |
| 7 | 0.0 | 0.0 | 20.0 |
| 8 | 0.0 | 0.0 | 21.5 |
| 9 | 0.0 | 0.0 | 14.4 |
| 10 | 0.0 | 0.0 | 13.1 |
| | | Mean: 0.0 | Mean: 15.5 |

STATISTICAL VALUES: SD = 4.0 3 SD = 11.9 Mean + 3 SD = 27.4

ABBREVIATIONS USED: SD = Standard deviation.

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 207 g/m²

FAILURE CRITERIA:

| Afterflame (seconds) | Flaming Drip (seconds) Mean | Weight Loss (percent) Mean | Individual Specimen |
|-------------------------|--------------------------------|-------------------------------|---------------------|
| * | Exceeds 2.0 | Exceeds 40% | Exceeds Mean + 3 SD |

(* Afterflame is required to be recorded; however, it is not factored into the Failure Criteria.)



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Page 2

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RETEST PROVISION: Where the percent weight loss of any individual specimen exceeds the mean value plus three standard deviations, the test shall be repeated once on another sample of 10 specimens.

CONCLUSION: Based on the above Results and Failure Criteria, the item tested:
 Passes; Fails; Testing of 10 additional specimens is required

PRECONDITIONING: 0.5 hr @ 220°F (Standard)
 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

CONVERSION FACTOR:
 $g/m^2 \div 28.35 \times .835 = oz/yd^2$

NOTE:

1. All specimens prepared in the length direction.
2. See addendum for individual specimen weights.

REMARKS: None.

CERTIFICATION:

I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 1999 Edition Test #1.

Heather E. Robertson

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. /jd

MS. HEATHER E. ROBERTSON

** Note (April 2000):

The NFPA 701 - 1999 Edition supersedes the NFPA 701 - 1996 Edition.

The step-by-step test implementation and test failure criteria are the same for both the 1996 Edition and the 1999 Edition.

Therefore, it is assumed that this 1999 Edition test report will also satisfy any building code which cites the 1996 Edition.

(Page 2 of 2)

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