



96D Allen Blvd.,
 Farmingdale NY 11735
 TEL: (631) 293-8944
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Received: 01/15/2003 Completed: 01/27/2003 Letter: D her P.O.#: 11403NR Test Report #: 2-43509-0

Client's Identification: Allegro CS

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

LE: 1999 V: 12/01 PC: 0.5H

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	13.0
2	0	0	30.2
3	0	0	23.6
4	0	0	22.6
5	0	0	20.4
6	0	0	35.8
7	0	0	34.0
8	0	0	38.9
9	0	0	39.6
10	0	0	33.3
	Mean: 0	Mean: 0	Mean: 29.1

STATISTICAL VALUES: SD = 8.8 3 SD = 26.5 Mean + 3 SD = 55.7

ABBREVIATIONS USED: SD = Standard deviation.

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 81.5 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.)

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



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Page 2

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

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. /rb g d

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)

Client name : Carnegie
Addendum to Test Report # 2-43509-0- *YLL*
Test : NFPA 701

Specimen #	Wt Before Test (g)	Wt After Test (g)	Percent Wt Loss
1	5.40	4.70	13.0
2	5.30	3.70	30.2
3	5.50	4.20	23.6
4	5.30	4.10	22.6
5	5.40	4.30	20.4
6	5.30	3.40	35.8
7	5.30	3.50	34.0
8	5.40	3.30	38.9
9	5.30	3.20	39.6
10	5.40	3.60	33.3
Mean			29.1

Standard Deviation : 8.8

3 x Standard Deviation : 26.5

Mean + 3 x Standard Deviation : 55.7