

SILVERSCREEN 4%

VEROSOL HIGH PERFORMANCE FABRICS



TEXTSTYLE



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Received:01/21/2014	Completed:01/23/2014	Letter: I	JE	P.O.#:	Test Report #:	3-00343-0-
Client's Identification	Style: SilverScreen 4%. Content: PVC 64%/Glass 36%. Width: 75 and 94 inches. Finish: Metallized. Weight: 11.8, 400 grams/m2. End Use: Window Treatment.					
Tested For: Mrs. Conny Pasman	Key Test: NFPA 701-2010 TM#1					190
Verosol De Kieft 18 7151 HZ Eibergen, Netherlands		Tel: 011 31 545 46 33 33		Ext: Fax: 011 31 545 46 33 29		

PC: 0.5H DL/jd

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2010 Edition - Test Method #1

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	13.6
2	0	0	13.1
3	0	0	13.1
4	0	0	14.0
5	0	0	13.8
6	0	0	13.0
7	0	0	14.5
8	0	0	14.5
9	0	0	12.2
10	0	0	13.0
	Mean: 0	Mean: 0	13.5

STATISTICAL VALUES: SD = 0.7 3 SD = 2.2 Mean + 3 SD = 15.7

ABBREVIATIONS USED: SD = Standard deviation. NT = Not tested.

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 427 g/m²

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

CONVERSION FACTOR: g/m² ÷ 28.35 x .835 = oz/yd²

NOTE:

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

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** DISCUSSION:

Weight Loss - Individual Specimen Failure:

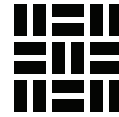
The NFPA 701 document, as written, provides for a statistical calculation which provides for retest and a potential failure if any individual value exceeds the mean by three standard deviations. Govmark is of the opinion that this cannot mathematically occur, i.e. no individual result is mathematically capable of exceeding the mean plus three standard deviations. Therefore, in effect, Govmark is of the opinion that this "individual specimen criteria" has no meaning, since it cannot possibly result in a nonconformance.

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The results contained in this report relate only to item(s) tested. The test report shall not be reproduced, except in full, without written approval from The Govmark Organization, Inc.

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Client Name : Verosol
Addendum to Test Report # : 3-00343-0
Test : NFPA 701

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	26.40	22.80	13.6
2	26.00	22.60	13.1
3	26.00	22.60	13.1
4	25.80	22.20	14.0
5	26.00	22.40	13.8
6	26.20	22.80	13.0
7	26.20	22.40	14.5
8	26.20	22.40	14.5
9	26.20	23.00	12.2
10	26.20	22.80	13.0

Mean Percent Weight Loss : 13.5
Standard Deviation : 0.7
3 x Standard Deviation : 2.2
Mean + 3 x Standard Deviation : 15.7

FEB 05 2014