

96-D Allen Boulevard Farmingdale, New York 11735-5626 USA Tel. +1 (631) 293-8944 Fax +1 (631) 293-8956 e-mail: testing@govmark.com

Page 1

Received: 10/0	05/2016 Completed: 10/11/2016	Letter: I	BG	P.O.#:	Test Report #:	3-157	33 - 0-
Client's Identification	Style: Twilight. Content: 59% I	Polyester FR, 419	6 Poly	rester. Weight: App. 360 gr/i	m ² . Product End Use	: Curtain.	·
l l	L one Henriksen Kvadrat A/S			Key Test: NFP	A 701-2015 TM#1/A	СТ	275
	Lundbergsvej 10 8400 Ebeltoft Denmark				5 89 53 18 66 5 89 53 18 00	Ext:	

Test Category: NFPA 701 TM1 Specifier: ACT NTR 1/16

LE 2015; V 08/15

dl/SM

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2015 Edition - Test Method #1 --

As cited by ACT Voluntary Performance Guidelines (January 2015)

PRODUCT CATEGORY: Drapery

PRODUCT CONFIGURATION: [x] Single Layer; [] Multi Layer

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

RESULTS:

PC: 0.5H

	Afterflame*	Flaming Di	rip Weight Loss
Specimen #	(seconds)	(seconds)	(percent)
1	0	0	26.7
2	0	0	19.6
3	0	0	18.3
4	0	0	20.6
5	0	0	21.2
6	0	0	22.3
7	0	0	23.3
8	0	0	24.0
9	0	0	22.1
10	0	0	22.3
•			
	Mea	in: 0	Mean: 22.0

STATISTICAL VALUES: SD = 2.4 3 SD = 7.1 Mean + 3 SD = 29.2

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 337 g/m²

PRECONDITIONING: [x] 0.5 hr @ 220°F (Standard)

[] 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

CONVERSION FACTOR: $g/m^2 \div 28.35 \times 0.835 = oz/yd^2$

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Page 2

Client's Identification Tested For: Lone Henriksen Kvadrat A/S Lundbergsvej 10 8400 Ebekon Denmark NOTE: 1. All specimens prepared in the length direction. 2. See addendum for individual specimen weights. REMARKS: [X] Plannes did not project above the top of the specimen. [3] Other: Flaming Drip Afterflame [4] Gean) Mean Individual Specimen * Exceeds 2 seconds Exceeds 40% Exceeds Mean + 3 SD** CONCLUSION: Based on the Results on page 1 and the above Failure Criteria, the item tested: [4] Fasses; [3] Fails; [3] Requires testing of 10 additional specimens 1. a. only one individual specimen failure was noted * Afterflame is required to be recorded; however, the NFFA document does not factor it into the Failure Criteria reporting requirements. It should be noted that excessive afterflames (15 seconds or more) could be cause for rejection by local fire authorities performing "match" field tests. ** See "Discussion" on Fage 3. CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above. ** MS. Phijfis Petiti* OCT 1 7 2016	Descinade 10/0	5/2016 (2	I DC	DO#	/m/ n//	2 15822 4		
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Page 3

Received: 10/05/2016 Completed: 10/11/2016 Letter: I BG | P.O.#: Test Report #: 3-15733-0-Client's Style: Twilight. Content: 59% Polyester FR, 41% Polyester. Weight: App. 360 gr/m². Product End Use: Curtain. Identification Tested For: Lone Henriksen Key Test: NFPA 701-2015 TM#1/ACT 275 Kvadrat A/S Lundbergsvej 10 Tel: 011 45 89 53 18 66 Ext: 8400 Ebeltoft Denmark Fax: 011 45 89 53 18 00

** 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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96D Allen Blvd. Farmingdale, NY 11735 TEL: (516) 293-8944

FAX: (516) 293-8956

Client Name

: Kvadrat A/S

Addendum to Test Report # : 3-15733-0

Test:

: NFPA 701

Specimen#	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	20.20	14.80	26.7
2	20.40	16.40	19.6
3	20.80	17.00	18.3
4	20.40	16.20	20.6
5 .	20.80	16.40°	21.2
6	20.60	16.00	22.3
7	20.60	15.80	23.3
8	20.80	15.80	24.0
9	20.80	16.20	22.1
10	20.60	16.00	22.3

Mean Percent Weight Loss : 22.0 : 2.4 Standard Deviation 3 x Standard Deviation : 7.1 Mean + 3 x Standard Deviation : 29.2