



Tested For: Peter Emmerink	Phone: +31 545 463 354	Received: 4/29/2024
Kvadrat High Performance Textiles B.V.	Fax:	Completed: 5/1/2024
Kieftse 18	Mobile:	Code: N
7151 HZ Eibergen	PO#:	Test Report: 3-55801-0-RV
Nederland	Email: expertcentre@kvadratshade.com	

Key Test: NFPA 701-2019 TM#1

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Client's Identification:

Lot No.: 240200820. Date of Mfg.: 28-02-2024. Style: Unlit Block Out / KHPT Fabric 890. Composition: Polyester fabric with a flame retardant block out acrylate coating. Weight: 320 g/m². Density: 1000 Kg.m³. Color: 190. Thickness: 0.32 mm. Product End Use: Roller blind / Sunshading.

LE:2023; V:02/23 BG PC: 0.5H

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2023 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/Debris (seconds)	Weight Loss (percent)
1	0.0	0.0	5.6
2	0.0	0.0	11.1
3	0.0	0.0	18.5
4	0.0	0.0	2.8
5	0.0	0.0	23.9
6	0.0	0.0	9.4
7	0.0	0.0	16.0
8	0.0	0.0	20.8
9	0.0	0.0	22.9
10	0.0	<u>0.0</u>	<u>22.4</u>
	Mean:	0.0	15.3

STATISTICAL VALUES: SD = 7.6 3 SD = 22.9 Mean + 3 SD = 38.2

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

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APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS North America): 353.6 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:

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

REMARKS:

- Flames did not project above the top of the specimen.
 Flames projected above the top of the specimen; Specimen #'s _____
 Other: _____

FAILURE CRITERIA: As cited by NFPA 701 - 2019 Edition Test Method #1:

Afterflame	Flaming Drip/Debris (Mean)	Weight Loss (percent)	
		Mean	Individual Specimen
*	Exceeds 2 seconds	Exceeds 40%	Exceeds Mean + 3 SD

* Afterflame is required to be recorded; however, the NFPA document does not factor it into the Failure Criteria reporting requirements. It should be noted that excessive afterflames could be cause for rejection by local fire authorities performing "match" field tests.

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CONCLUSION: Based on the Results on page 1 and the above Failure Criteria cited by NFPA 701 - 2019 Edition Test Method #1, the item tested:

- Passes
- Fails
- Requires testing of 10 additional specimens i.e. only one individual specimen failure was noted

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

DocuSigned by:

Bobby Brown
F7FE1AA2EFE84EE...

5/7/2024

RV.04.07.24 /gb

AUTHORIZED SIGNATURE
SGS NORTH AMERICA
/sj /gb

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