

Received: 04/29/2020	Completed: 05/04/2020	Letter: D	BG	P.O.#:	Test Report #: 3-38302-0-
Client's Identification	Style: Polyfab Comshade/Comtex+. Composition: Knitted HDPE. Product End Use: Shade Sails and Shade Structures.				
Tested For: Steve Morenberg Poly Fab USA LLC 1601 N. Sepulveda Blvd., #392 Manhattan Beach, CA 90266			Key Test: NFPA 701-2019 TM#1		295
			Tel: 1-(440)-503-9056		Ext:
			Fax: 1-(310)-626-9639		

LE:2019 V:01/19

PC: 0.5H /rb

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
- 2019 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)	Flamming Drip/Debris (seconds)	Weight Loss (percent)
1	0	0	1.8
2	0	0	0.9
3	0	0	0.9
4	0	0	0.9
5	0	0	0.9
6	0	0	1.8
7	0	0	0.9
8	0	0	0.9
9	0	0	0.9
10	0	0	1.8
Mean:		0	Mean: 1.2

STATISTICAL VALUES: SD = 0.4 3 SD = 1.3 Mean + 3 SD = 2.4

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS North America): 343 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.



GOVMARK

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Page 2

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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

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

* 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.

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

AUTHORIZED SIGNATURE
SGS North America
/gb /ab

Bobby Brown

MAY 07 2020

(Page 2 of 2)