



Tested For: Charles Griffin
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Received: 12/11/2020
Completed: 12/24/2020
Code: G
Test Report: 3-41532-0

Key Test: NFPA 701-2019 TM#1/ACT

310

Client's Identification:

Lot No.: 1020626.1. Style: TREK 4450 Color 20. Composition: 100% Polyester. Weight: 16 oz/yard. Product End Use: Drapery.
 Additional Information: PO 15452

Test Category: NFPA 701 TM1 Specifier: ACT LE 2019; V 01/19 PC: 0.5H dl/SM

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2019 Edition - Test Method #1 --

As cited by ACT Voluntary Performance Guidelines (March 2019)

PRODUCT CATEGORY: Drapery

PRODUCT CONFIGURATION: Single Layer; Multi-Layer

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

RESULTS:

<u>Specimen #</u>	<u>Afterflame* (seconds)</u>	<u>Flaming Drip/Debris (seconds)</u>	<u>Weight Loss (percent)</u>
1	0	1.4	22.9
2	0	0.0	20.0
3	0	0.0	6.7
4	0	0.0	4.3
5	0	0.0	6.7
6	0	1.2	14.6
7	0	0.0	23.9
8	0	0.0	22.2
9	0	0.0	13.3
10	0	0.0	15.6
	Mean:	0.3	15.0

STATISTICAL VALUES: SD = 7.3 3 SD = 21.8 Mean + 3 SD = 36.8

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS North America) 150 g/m²

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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 0.835 = 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:

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, 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 (15 seconds or more) 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.

Bobby B...

DEC 29 2020

AUTHORIZED SIGNATURE
 SGS NORTH AMERICA
 /jab

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