SGS

Tested For:	**Lone Henriksen**	**Phone:**	**011 45 89 53 18 60**	**Received:**	**1/27/2021**
	Kvadrat A/S	**Fax:**		**Completed:**	**1/28/2021**
	Lundbergsvej 10 DK-8400 Ebeltoft	**Mobile:**		**Code:**	**P**
		PO#:		**Test Report:**	**3-42084-0**
		Email:	**lh@kvadrat.dk**		
	Denmark				

Key Test: **NFPA 701-2019 TM#1** 310

Client's Identification:

Style: Technicolour Fade. Composition: 100% Trevira CS. Weight: 35 g/m². Thickness: 0-1 mm. Product End Use: Curtain fabric.

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 @ 160ºF

RESULTS:

Specimen #	Afterflame* (seconds)	Flaming Drip/Debris (seconds)	Weight Loss (percent)
1	0	0	27.3
2	0	0	36.4
3	0	0	36.4
4	0	0	27.3
5	0	0	10.0
6	0	0	27.3
7	0	0	18.2
8	0	0	27.3
9	0	0	18.2
10	0	0	27.3
		Mean:	25.5

STATISTICAL VALUES: SD = 8.2 3 SD = 24.5 Mean + 3 SD = 50.0

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS North America): 35 g/m²

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Key Test: **NFPA 701-2019 TM#1** 310

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:

		Weight Loss (percent)	
Afterflame	Flaming Drip/Debris (Mean)	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.

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.

Jillian Guillem

FEB 0 2 2021

AUTHORIZED SIGNATURE
SGS NORTH AMERICA
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Client Name : Kvadrat A/S
Addendum to Test Report # : 3-42084-0
Test : : NFPA 701

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	2.20	1.60	27.3
2	2.20	1.40	36.4
3	2.20	1.40	36.4
4	2.20	1.60	27.3
5	2.00	1.80	10.0
6	2.20	1.60	27.3
7	2.20	1.80	18.2
8	2.20	1.60	27.3
9	2.20	1.80	18.2
10	2.20	1.60	27.3

Mean Percent Weight Loss : 25.5
Standard Deviation : 8.2
3 x Standard Deviation : 24.5
Mean + 3 x Standard Deviation : 50.0