



Test Report

Report No.: 131724-1

Assignor: Kvadrat A/S
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Initials Chf/leln
Order no.: 131724
No. of appendix: 1

Subject: Cutting of curtain fabric, designated: Air 4, 0100
Fiber composition: 100% Trevira CS (as per info from the assigner).
Approx. mass per unit area: 71 g/m².

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 01.04.2022

Method: Testing of flammability according to Federal Aviation Regulations, FAR § 25.853(a), appendix F, part I (a) (1) (ii). Vertical test: Bunsen burner flame is applied to specimen for 12 sec. (ignition time).

Details of the test are given on page 2.

Period: The testing was completed 06.04.2022

Result:

Test (ii) 12 sec.	Average After flame Time [sec.]	Average Drip Extinguishing Time [sec.]	Average burn length
Warp	0	0	180 mm (7.08 inch)
Weft	0	0	177 mm (6.95 inch)
Requirements for passing:	<15	<5	203 mm (8 inch)

According to the requirements of flammability specified in FAR § 25.853(a), appendix F, part I (a) (1) (ii) the upholstered fabric **meets** the requirements for passing.

Storage: The test material will be destroyed after 3 months, unless otherwise agreed.

Terms: This test was conducted accredited in accordance with international requirements (ISO/IEC 17025:2017) and in accordance with the General Terms and Conditions of Danish Technological Institute. The test results solely apply to the tested item. This test report may be quoted in extract only if Danish Technological Institute has granted its written consent.

Date/place: 07.04.2022, Danish Technological Institute, Textile, Taastrup

Signature: Test responsible

Co-signatory



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**Results
continued:**

The test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Test method: FAR § 25.853(a), appendix F, part I (a) (1) (ii)
Ignition source: Bunsen burner flame
Conditioning atmosphere: 23±2 °C / 50±5 % RH.

Three specimens in each fabric directions were tested. The flame was applied for 12 sec. as specified for materials covered by paragraph (a) (1) (ii) of part 1 of appendix F.

Test (ii) 12 sec.	After flame Time [sec.]	Drip Extinguishing Time [sec.]	Burn length
Warp	0	0	177 mm (6.97 inch)
	0	0	180 mm (7.09inch)
	0	0	182 mm (7.17inch)
Average	0	0	180 mm (7.08 inch)
Weft	0	0	185 mm (7.28 inch)
	0	0	190 mm (7.48 inch)
	0	0	150 mm (6.10inch)
Average	0	0	177 mm (6.95 inch)
Requirements for passing, average:	< 15	< 5	203 mm (8 inch)

Comments: The upholstered fabric specimens **meet** the requirements for passing.

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