



# Test Report

Report No.: A 938073-1

**Assignor:** Kvadrat A/S  
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Order no.: 938073  
No. of appendix: 1

**Subject:** Cutting of upholstery fabric, designated: Field 123, batch number GA23945-0505.  
Fiber composition: 100% Trevira CS (as per info from the assigner).  
Approx. mass per unit area: 315 g/m<sup>2</sup>.

**Sampling:** The test material was sampled by the client and received at the Danish Technological Institute 10 August 2020.

**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 19 August 2020.

**Result:**

Test (ii) 12 sec.	Average After flame Time [sec.]	Average Drip Extinguishing Time [sec.]	Average burn length
Warp	0	0	13,7 mm (4,05inch)
Weft	0	0	95,3 mm (3,75inch)
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:** The accredited test was carried out according to DANAK's general conditions see [www.danak.dk](http://www.danak.dk) and according to the General Terms and Conditions regarding Commissioned Work Accepted by the Danish Technological Institute, which apply at the time of signing the agreement. The test is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

**Date/place:** 20 August 2020, 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.

<b>Test (ii) 12 sec.</b>	<b>After flame Time [sec.]</b>	<b>Drip Extinguishing Time [sec.]</b>	<b>Burn length</b>
Warp	0	0	101 mm (3,97 inch)
	0	0	107 mm (4,12 inch)
	0	0	103 mm (4,06 inch)
<b>Average</b>	<b>0</b>	<b>0</b>	<b>104,7 mm (4,05inch)</b>
Weft	0	0	92 mm (4,13 inch)
	0	0	99 mm (3,94 inch)
	0	0	95 mm (4,06 inch)
<b>Average</b>	<b>0</b>	<b>0</b>	<b>95,3 mm (3,75inch)</b>
Requirements for passing, average:	< 15	< 5	203 mm (8 inch)

**Comments:**

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