

Test Report

Report Number:
985670-5-TEX



**DANISH
TECHNOLOGICAL
INSTITUTE**

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Init.: CHF/LELN
Order no.: 985670
Encl.: 0

Assignor: Kvadrat A/S, Lundbergsvej 10, DK-8400 Ebeltøft

Material: Sample of upholstery fabric designated: Broken Twill Weave 0746. See page 2 for detailed sample description.

Sampling: The assignor confirms having selected the product. The product was forwarded by the assignor and received at Danish Technological Institute on 17 June 2021.

Period: The test took place from 18 June 2021 to 29 June 2021.

Method: The test methods used are referenced in connection with the results. See page 3.

Test results: The results are shown on page 3.

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.

Place: Danish Technological Institute, Taastrup, Building and Construction

Signature: This document is only valid with a digital signature from Danish Technological Institute. The date of issue appears from the digital signature.

Charlotte Fischer
Senior Consultant



DIGITALLY SIGNED DOCUMENT

29 June 2021

DANISH TECHNOLOGICAL INSTITUTE



DANAK

TEST Reg.no. 2



Sample

Description: Combination of upholstered material tested:

Cover: Sample of fabric, designated: Broken Twill Weave 0746

Fibre composition: 100% recycled polyester

Approximate mass per area: 353 g/m²

Photo:





Results

Test of Sample of upholstery fabric designated: Broken Twill Weave 0746

Determination of the abrasion resistance of fabrics by the Martindale method

Part 2: Determination of specimen breakdown

EN ISO 12947-2:2016

Test conditions: 21°C, 65% RH

Colour change: DS EN 20105-A02:1997/ISO 105-A02/cor2:2005:1997 (1-5 scale, 5 best rating)

Pre-treatment	Test parameters	Results [rubs]
(none)	Mass: 795 g Nominal pressure: 12 kPa End-point: Two broken threads	95 000 95 000 95 000 End result: 95 000 Colour change: Note 4 after 6000 rubs

Determination of fabric propensity to surface pilling, fuzzing and matting

Part 2: Modified Martindale method

EN ISO 12945-2:2020

1-5 scale, 5 best rating

Test conditions: 21°C, 65% RH

Evaluation:

EN ISO 12945-4:2020

Pre-treatment	Test parameters	Results							
		Property	Specimen	125	500	1000	2000	5000	7000
(none)	Number of test specimens: 3 Number of observers: 2 Abradant: Wool abradant fabric Loading mass: 415 g	Pilling	1	5	5	5	5	5	5
			2	5	5	5	5	5	5
			3	5	5	5	5	5	5
			Average	5	5	5	5	5	5
		Fuzzing	1	4-5	4-5	4-5	4-5	4-5	4-5
			2	4-5	4-5	4-5	4-5	4-5	4-5
			3	4-5	4-5	4-5	4-5	4-5	4-5
			Average	4-5	4-5	4-5	4-5	4-5	4-5