

# Test Report

Report Number:  
147360-2-TEX



**DANISH  
TECHNOLOGICAL  
INSTITUTE**

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Init.: CHF/LELN  
Order no.: 147360  
Encl.: 0

**Assignor:** KVADRAT A/S, Lundbergsvej 10, DK-8400 Ebeltoft

**Material:** Upholstery fabric Sport. 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 19 July 2022.

**Period:** The test took place from 20 July 2022 to 28 July 2022.

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

**Test results:** The results are shown from page 3 onwards.

**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, Environmental Technology

**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

28 July 2022

DANISH TECHNOLOGICAL INSTITUTE



**DANAK**

TEST Reg.no. 2



## Sample

Description: Sample of upholstery fabric

Designated: Sport Colour: 0253

Fibre content: 100% ocean- bound recycled polyester

Approximate mass per area: 355 g/m<sup>2</sup>

Photo:





## Results

### *Test of Upholstery fabric Sport*

#### 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	44 000 46 000 44 000  End result: 44 000 Pilling after 20000 rubs Colour change: 4-5 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	4-5	4-5	4-5
			2	5	5	5	4-5	4-5	4-5
			3	5	5	5	4-5	4-5	4-5
			Average	5	5	5	4-5	4-5	4-5
		Fuzzing	1	4-5	4-5	4-5	4-5	4	4
			2	4-5	4-5	4-5	4-5	4	4
			3	4-5	4-5	4-5	4-5	4	4
			Average	4-5	4-5	4-5	4-5	4	4