

# Test Report

Report Number:  
130444-2-TEX



**DANISH  
TECHNOLOGICAL  
INSTITUTE**

Gregersensvej 1  
DK-2630 Taastrup  
+45 72 20 20 00  
info@teknologisk.dk  
www.teknologisk.dk

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Init.: CHF/LELN  
Order no.: 130444  
Encl.: 0

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

**Material:** Sample of upholstery fabric designated: Sonar , 0934. 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 23 March 2022.

**Period:** The test took place from 30 March 2022 to 7 April 2022.

**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, 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

17 May 2022

DANISH TECHNOLOGICAL INSTITUTE

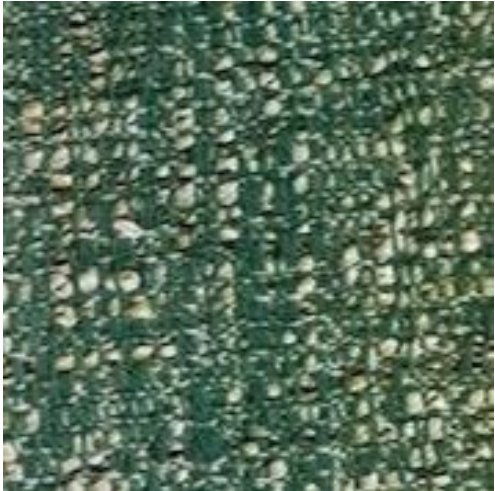


**DANAK**

TEST Reg.no. 2



## Samples

Sample mark	Description	Photo
1	<p>Upholstery fabric Designated: Sonar, color 0934 Fibre content: 59% new wool, 25% viscose, 9% linen, 5% nylon, 2% polyester Approximate mass per area: 527 g/m<sup>2</sup></p>	



## Results

### *Test of Sample of upholstery fabric designated: Sonar , 0934*

#### 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)

Sample	Pre-treatment	Test parameters	Results [rubs]
1	(none)	Mass: 795 g Nominal pressure: 12 kPa End-point: Two broken threads	20 000 20 000 20 000  End result: 20 000 Colour change: Note 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

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