

Test Report

Report Number:
224087-1-TEX



**DANISH
TECHNOLOGICAL
INSTITUTE**

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Init.: CHF/LELN
Order no.: 224087
Encl.: 0

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

Material: Sample of upholstery fabric designated: Serpentine, 0678. 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 8 November 2023.

Period: The test took place from 13 November 2023 to 21 November 2023.

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




DANAK

TEST Reg.no. 2



Samples

Sample mark	Description	Photo
0678	Sample of upholstery fabric Designated: Serpentine, 0678 Composition: 98% new wool, 2% nylon Approximate mass per area: 609 g/m ²	



Results

Test of Sample of upholstery fabric designated: Serpentine, 0678

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-A02:1997:1997 (1-5 scale, 5 best rating)

Sample	Pre-treatment	Test parameters	Results [rubs]
0678	(none)	Mass: 795 g Nominal pressure: 12 kPa End-point: Two broken threads	54000 60000 52000 End result: 52000 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
0678	(none)	Number of test specimens: 3 Number of observers: 2 Abradant: Wool abradant fabric Loading mass: 415 g	Pilling	1	5	5	3-4	3-4	3-4	3-4
				2	5	5	3-4	3-4	3-4	3-4
				3	5	5	3-4	3-4	3-4	3-4
				Average	5	5	3-4	3-4	3-4	3-4
			Fuzzing	1	4-5	4	4	4	4	4
				2	4-5	4	4	4	4	4
				3	4-5	4	4	4	4	4
				Average	4-5	4	4	4	4	4