Test Report

Report Number:
993516-1-TEX

DANISH
TECHNOLOGICAL
INSTITUTE

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Assignor:	Kvadrat A/S, Lundbergsvej 10, DK-8400 Ebeltoft
Material:	Sample of upholstery fabric designated: Haku 0121. 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 25 August 2021.
Period:	The test took place from 27 August 2021 to 8 September 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, 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
8 September 2021
DANISH TECHNOLOGICAL INSTITUTE

ilac-MRA DANAK
TEST Reg.no. 2

Samples

Sample mark	Description	Photo
1	Upholstery fabric Designated: Haku 0121 Fibre content: 100% polyurethan / silicone, polyester backing Approximate mass per area: 534 g/m^2	

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Results

Test of Sample of upholstery fabric designated: Haku 0121

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: Hole >= 0.5 mm	> 100 000 > 100 000 > 100 000 End result: > 100 000 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
1	(none)	Number of test specimens: 3 Number of observers: 2 Abradant: Wool abradant fabric Loading mass: 415 g

Results

		Number of revolutions					
Property	Specimen	125	500	1000	2000	5000	7000
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	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**
Matting	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**