

Test Report

Report No.: A 829605-1



**DANISH
TECHNOLOGICAL
INSTITUTE**

Gregersensvej
DK-2630 Taastrup
Tel. +45 72 20 20 00
Fax +45 72 20 20 19

info@teknologisk.dk
www.teknologisk.dk

Assignor: Kvadrat A/S
Lundbergsvej 10
8400 Ebeltoft
Attn.: Lone Henriksen

Page 1 of 1
Chf/leln
Order no.: 829605
No. of appendices: 1

Subject: Upholstery fabric, Designated: Recheck 455.
Fiber composition: 90% new wool, 10% nylon, worsted. (as per info from the assigner).
Approximate mass per area unit: 303 g/m².



Sampling: The test material was sampled by the client and received at the Danish Technological Institute 10.09.2018

Method: See Appendix 1.

Period: The testing was completed 25.09.2018

Result: Individual results appear from Appendix 1.

Storage: The test material will be destroyed after 6 months, unless otherwise agreed.

Terms: The accredited test was carried out according to DANAK's general conditions see www.danak.dk and according to the General Terms and Conditions regarding Commissioned Work Accepted by the Danish Technological Institute, which apply at the time of signing the agreement. The test is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

Date/place: 26.09.2018, Danish Technological Institute, Wood and Biomaterials, Textile, Taastrup

Signature: Test responsible

Co-signatory



Report no.: A 829182-1
Appendix: 1
Page: 1 of 1
Initials: Chf/leln

Test Methods	Results																					
<p>Abrasion resistance - Martindale Part 2: Determination of specimen breakdown DS/EN ISO 12947-2:2016 Mass: 795 g Nominal pressure: 12 kPa End-point: 2/3 of nap worn away Colour change (1-5 scale, 5 best rating) ISO 105-A02:1993 Test conditions: 21°C, 65%RH</p>	<p>Individual results: >100 000 - >100 000 - >100 000 rubs Colour change: Note 5 after 6000 rubs</p>																					
<p>Determination of fabric propensity to surface fuzzing and to pilling DS/EN ISO 12945-2:2000 Modified Martindale method 1-5 scale, 5 best rating Number of test specimens: 3 Number of observers: 2 Pre-treatment: none Abradant: Wool abradant fabric Loading mass: 415 g Test conditions: 21°C, 65%RH</p>	<table border="1"> <thead> <tr> <th data-bbox="654 728 917 761"><u>Assessment stage</u></th> <th data-bbox="917 728 1157 761"><u>Number of rubs</u></th> <th data-bbox="1157 728 1364 761"><u>Pilling grade</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="654 772 917 795">1</td> <td data-bbox="917 772 1157 795">500</td> <td data-bbox="1157 772 1364 795">4-5</td> </tr> <tr> <td data-bbox="654 795 917 817">2</td> <td data-bbox="917 795 1157 817">1000</td> <td data-bbox="1157 795 1364 817">4</td> </tr> <tr> <td data-bbox="654 817 917 840">3</td> <td data-bbox="917 817 1157 840">2000</td> <td data-bbox="1157 817 1364 840">4</td> </tr> <tr> <td data-bbox="654 840 917 862">4</td> <td data-bbox="917 840 1157 862">5000</td> <td data-bbox="1157 840 1364 862">4</td> </tr> <tr> <td colspan="2" data-bbox="654 884 1157 929">Final grade</td> <td data-bbox="1157 884 1364 929">4</td> </tr> <tr> <td colspan="3" data-bbox="654 929 1364 1041">The final grading at 2000 rubs relates to fuzzing</td> </tr> </tbody> </table>	<u>Assessment stage</u>	<u>Number of rubs</u>	<u>Pilling grade</u>	1	500	4-5	2	1000	4	3	2000	4	4	5000	4	Final grade		4	The final grading at 2000 rubs relates to fuzzing		
<u>Assessment stage</u>	<u>Number of rubs</u>	<u>Pilling grade</u>																				
1	500	4-5																				
2	1000	4																				
3	2000	4																				
4	5000	4																				
Final grade		4																				
The final grading at 2000 rubs relates to fuzzing																						