

Test Report

Report No.: A 899285-1



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LeIn/Chf
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Subject: Upholstery fabric Silas, Fibre content: 75% new wool, 25% nylon (as per info from the assigner).



Sampling: The test material was sampled by the client and received at the Danish Technological Institute 05.11.2019

Method: See Appendix 1.

Period: The testing was completed 13.11.2019

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: 13.11.2019, Danish Technological Institute, Wood and Biomaterials, Textile, Taastrup

Signature: Test responsible

Co-signatory



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Test Methods	Results																		
Abrasion resistance - Martindale Part 2: Determination of specimen breakdown DS/EN ISO 12947-2:2016 Mass: 795 g Nominal pressure: 12 kPa End- point: Two broken threads Colour change (1-5 scale, 5 best rating) ISO 105-A02:1993 Test conditions: 21°C, 65%RH	Mean: 100 000 rubs Individual re- 100 000 - 100 000 - 100 000 rubs sults: Colour change: Note 4-5 after 6000 rubs																		
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	<table border="1"> <thead> <tr> <th><u>Assessment stage</u></th> <th><u>Number of rubs</u></th> <th><u>Pilling grade</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>500</td> <td>4</td> </tr> <tr> <td>2</td> <td>1000</td> <td>4</td> </tr> <tr> <td>3</td> <td>2000</td> <td>3-4</td> </tr> <tr> <td>4</td> <td>5000</td> <td>2</td> </tr> <tr> <td colspan="2">Final grade</td> <td>3-4</td> </tr> </tbody> </table> The final grading at 2000 rubs relates to fuzzing and pilling	<u>Assessment stage</u>	<u>Number of rubs</u>	<u>Pilling grade</u>	1	500	4	2	1000	4	3	2000	3-4	4	5000	2	Final grade		3-4
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1	500	4																	
2	1000	4																	
3	2000	3-4																	
4	5000	2																	
Final grade		3-4																	
Determination of the slippage resistance of yarns at a seam in woven fabrics - Fixed load method DS/EN ISO 13936-2:2004 Performed on: Standard seam Load: 180 N Test conditions: 21°C, 65%RH	Average of 5 determinations Seam parallel to warp: 5 mm seam opening Seam parallel to weft: 3 mm seam opening																		