

Test Report

Report No.: A 893562-12 rev 1



DANISH
TECHNOLOGICAL
INSTITUTE

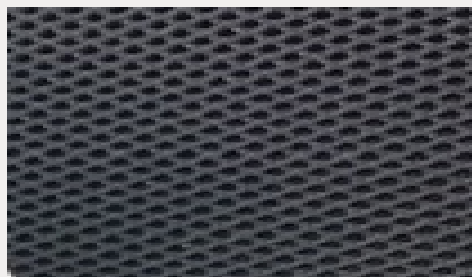
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No. of appendices: 1

Assignor: Gabriel A/S
Hjulgagervej 55
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Subject: Upholstery Knitted fabric designated: Runner 60999, black. (as per info from the assigner).



Sampling: The test material was sampled by the client and received at the Danish Technological Institute 27.11.2019

Method: See Appendix 1.

Period: The testing was completed 10.01.2020

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: 21.01.2020, Danish Technological Institute, Wood and Biomaterials, Textile, Taastrup

Signature: Test responsible

Co-signatory



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Test Methods	Results		
Colour fastness to rubbing ISO 105-X12:2016 1-5 scale, 5 best rating Rubbing finger: Cylinder 16 mm Force: 9 N Test conditions: 21°C, 65%RH	Staining:	<u>Warp direction</u>	<u>Weft direction</u>
	Dry rubbing: Wet rubbing:	4-5 4-5	4-5 4-5
	Colour Change:	<u>Warp direction</u>	<u>Weft direction</u>
	Dry rubbing: Wet rubbing:	5 4-5	5 4-5
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	<u>Assessment stage</u>	<u>Number of rubs</u>	<u>Pilling grade</u>
	1	500	5
	2	1000	5
	3	2000	5
	4	5000	5
	Final grade		5
The final grading at 2000 rubs relates to fuzzing and pilling			
Colour fastness to artificial light DS/EN ISO 105:B02:2014 Method 2 1-8 scale, 8 best rating Normal conditions Apparatus: Atlas Ci4000 Xenon Weather-Ometer	Colour fastness:		6