

Test Report

Report No.: A 910883-1 rev 2



DANISH
TECHNOLOGICAL
INSTITUTE

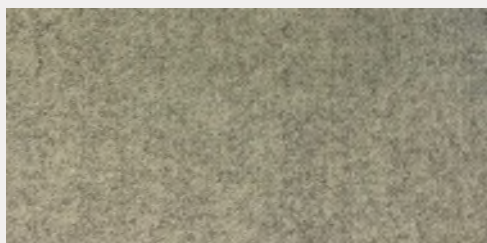
Gregersensvej
DK-2630 Taastrup
Tel. +45 72 20 20 00
Fax +45 72 20 20 19

info@teknologisk.dk
www.teknologisk.dk

Assignor: Gabriel A/S
Hjulmagervej 55
9000 Aalborg

Page 1 of 1
Chf/leln
Order no.: 910883
No. of appendices: 1

Subject: Upholstery fabric, flat woven designated: FA 920 Focus/Focus Melange colour: 61214
Beige (as per info from the assigner).



This report has been revised and the name of fabric has been changed from Focus melange to Focus/Focus Melange.

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 22.01.2020

Method: See Appendix 1.

Period: The testing was completed 28.01.2020

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: 31.01.2020, Danish Technological Institute, Wood and Biomaterials, Textile, Taastrup

Signature: Test responsible

Co-signatory



Report no.: A 910883-1 rev 2
 Appendix: 1
 Page: 1 of 1
 Initials: Chf/leln

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:	5 5	5 5
	Colour Change:	<u>Warp direction</u>	<u>Weft direction</u>
	Dry rubbing: Wet rubbing:	5 5	5 5
Colour fastness to perspiration DS/EN ISO 105-E04:2013 1-5 scale, 5 best rating Test pieces: 4 x 10 cm Adjacent fabric: Multifibre DW, ISO 105-F10:1989 Test conditions: 21°C, 65%RH	Staining of:	<u>Acid solution</u>	<u>Alkaline solution</u>
	Acetate Cotton Polyamide Polyester Acrylic Wool	4-5 4-5 4-5 4-5 4-5 4-5	4-5 4-5 4-5 4-5 4-5 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 2 3 4 5 6	500 1000 2000 5000 7000 10000	3-4 3-4 3-4 3-4 3-4 4
	The grading relates to fuzzing and pilling		