kvadrat

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CVR 45998517 Jyske Bank 5073 117977-1

Fastness to rubbing
ISO 105-X12

Steelcut Trio 3

Colour number	Dry condition	Wet Condition
105	5	5
113 *	4-5	4-5
124 *	4-5	4-5
133	4-5	4-5
153	4-5	4-5
176	4-5	4-5
195	4	3-4
205	5	4-5
213	4-5	4-5
226	4-5	4-5
236	4-5	4-5
246	4-5	4-5
253	4-5	4-5
266	4-5	4-5
276	4-5	4-5
283	4-5	4-5
336	4-5	4
376	4-5	4-5
383	4-5	4-5
416	4-5	4-5
426	4-5	4-5
436	4-5	4-5
446	4-5	4-5
453	4-5	4-5
466	4-5	4-5
476	4-5	4-5
506	4-5	4-5
515	4-5	4-5
526	4	4
533	4-5	4-5

Ebeltoft, September 12, 2019 LH/lh

553 *	4	3-4
576	4-5	4-5
616	4-5	4-5
636	4-5	4-5
645	4-5	4-5
666 *	4	4-5
686	4-5	4
713	4-5	4-5
716 *	4-5	4-5
746 *	4-5	4-5
756 *	4-5	4-5
776	4-5	4
796	4-5	4-5
806	4-5	4-5
865	4-5	4-5
883	4-5	4-5
906	4-5	4-5
916	4-5	4-5
946 *	4-5	4-5
953 *	4-5	4-5
966 *	4-5	4-5
976	4-5	4-5
983 *	4-5	4-5
996 *	4-5	4-5

Internal test at supplier
*Danish Technological Institute, A888985-1, 12.09.2019

Ebeltoft, September 12 2019 LH/lh

Test Report

Report No.: A 888985-1

DANISH TECHNOLOGICAL INSTITUTE

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Chf/leln
Order no.: 888985
No. of appendices: 1

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

Subject: Upholstery fabric designated: Steelcut Trio 3, 90% New wool, 10% nylon (as per info from the assigner).

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 06.09.2019

Method: See Appendix 1.

Period: The testing was completed 11.09.2019

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: 12.09.2019, Danish Technological Institute, Wood and Biomaterials, Textile, Taastrup

Signature:

Test responsible

Charlotte Fischer
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Co-signatory

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ilac-MRA DANAK TEST Reg.no. 2

Test Methods	Results		
Colour fastness to rubbing EN ISO 105-X12:2016 1-5 scale, 5 best rating Rubbing finger: Cylinder 16 mm Force: 9 N Test conditions: 21°C, 65%RH	Colour: 113 Staining: Dry rubbing: Wet rubbing:	<u>Warp direction</u> 4-5 4-5	<u>Weft direction</u> 4-5 4-5
Colour fastness to rubbing EN ISO 105-X12:2016 1-5 scale, 5 best rating Rubbing finger: Cylinder 16 mm Force: 9 N Test conditions: 21°C, 65%RH	Colour: 124 Staining: Dry rubbing: Wet rubbing:	<u>Warp direction</u> 4-5 4	<u>Weft direction</u> 4-5 4-5
Colour fastness to rubbing EN ISO 105-X12:2016 1-5 scale, 5 best rating Rubbing finger: Cylinder 16 mm Force: 9 N Test conditions: 21°C, 65%RH	Colour: 553 Staining: Dry rubbing: Wet rubbing:	<u>Warp direction</u> 4 3-4	<u>Weft direction</u> 4 4
Colour fastness to rubbing EN ISO 105-X12:2016 1-5 scale, 5 best rating Rubbing finger: Cylinder 16 mm Force: 9 N Test conditions: 21°C, 65%RH	Colour: 666 Staining: Dry rubbing: Wet rubbing:	<u>Warp direction</u> 4 4-5	<u>Weft direction</u> 4 4-5
Colour fastness to rubbing EN ISO 105-X12:2016 1-5 scale, 5 best rating Rubbing finger: Cylinder 16 mm Force: 9 N Test conditions: 21°C, 65%RH	Colour: 716 Staining: Dry rubbing: Wet rubbing:	<u>Warp direction</u> 4-5 4-5	<u>Weft direction</u> 4-5 4-5
Colour fastness to rubbing EN ISO 105-X12:2016 1-5 scale, 5 best rating Rubbing finger: Cylinder 16 mm Force: 9 N Test conditions: 21°C, 65%RH	Colour: 746 Staining: Dry rubbing: Wet rubbing:	<u>Warp direction</u> 4-5 4-5	<u>Weft direction</u> 4-5 4-5
Colour fastness to rubbing EN ISO 105-X12:2016 1-5 scale, 5 best rating Rubbing finger: Cylinder 16 mm Force: 9 N Test conditions: 21°C, 65%RH	Colour: 756 Staining: Dry rubbing: Wet rubbing:	<u>Warp direction</u> 4-5 4-5	<u>Weft direction</u> 4-5 4-5
Colour fastness to rubbing EN ISO 105-X12:2016 1-5 scale, 5 best rating Rubbing finger: Cylinder 16 mm Force: 9 N Test conditions: 21°C, 65%RH	Colour: 946 Staining: Dry rubbing: Wet rubbing:	<u>Warp direction</u> 4-5 4-5	<u>Weft direction</u> 4-5 4-5

Test Methods	Results		
Colour fastness to rubbing EN ISO 105-X12:2016 1-5 scale, 5 best rating Rubbing finger: Cylinder 16 mm Force: 9 N Test conditions: 21°C, 65%RH	Colour: 953 Staining: Dry rubbing: Wet rubbing:	<u>Warp direction</u> 4-5 4-5	<u>Weft direction</u> 4-5 4-5
Colour fastness to rubbing EN ISO 105-X12:2016 1-5 scale, 5 best rating Rubbing finger: Cylinder 16 mm Force: 9 N Test conditions: 21°C, 65%RH	Colour: 966 Staining: Dry rubbing: Wet rubbing:	<u>Warp direction</u> 4-5 4-5	<u>Weft direction</u> 4-5 4-5
Colour fastness to rubbing EN ISO 105-X12:2016 1-5 scale, 5 best rating Rubbing finger: Cylinder 16 mm Force: 9 N Test conditions: 21°C, 65%RH	Colour: 983 Staining: Dry rubbing: Wet rubbing:	<u>Warp direction</u> 4-5 4-5	<u>Weft direction</u> 4-5 4-5
Colour fastness to rubbing EN ISO 105-X12:2016 1-5 scale, 5 best rating Rubbing finger: Cylinder 16 mm Force: 9 N Test conditions: 21°C, 65%RH	Colour: 996 Staining: Dry rubbing: Wet rubbing:	<u>Warp direction</u> 4-5 4-5	<u>Weft direction</u> 4-5 4-5