

Test Report

Report Number:
155330-2-TEX



**DANISH
TECHNOLOGICAL
INSTITUTE**

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Init.: CHF/LELN
Order no.: 155330
Encl.: 0

Assignor: KINNASAND GMBH, Danziger Str. 6, D-26655 Westerstede, Germany

Material: Sample of rugs designated: Jute and Wool. See page 2 for detailed sample description.

Sampling: The assignor confirms having selected the product. The product was forwarded by the assignor and received at Danish Technological Institute on 22 September 2022.

Period: The test took place from 26 September 2022 to 27 October 2022.

Method: The test methods used are referenced in connection with the results. See page 3.

Test results: The results are shown from page 3 onwards.

Terms: This test was conducted accredited in accordance with international requirements (ISO/IEC 17025:2017) and in accordance with the General Terms and Conditions of Danish Technological Institute. The test results solely apply to the tested item. This test report may be quoted in extract only if Danish Technological Institute has granted its written consent.

Place: Danish Technological Institute, Taastrup, Environmental Technology

Signature: This document is only valid with a digital signature from Danish Technological Institute. The date of issue appears from the digital signature.

Charlotte Fischer
Senior Consultant










DANAK

TEST Reg.no. 2



Samples

Sample mark	Description	Photo
151	Sample of rug Designated: Jute and Wool	
191	Sample of rug Designated: Jute and Wool	
281	Sample of rug Designated: Jute and Wool	
441	Sample of rug Designated: Jute and Wool	
251	Sample of rug Designated: Jute and Wool	
631	Sample of rug Designated: Jute and Wool	
931	Sample of rug Designated: Jute and Wool	



Results

Test of Sample of rugs designated: Jute and Wool

Colour fastness to artificial light: Xenon arc fading lamp test

EN ISO 105-B02:2014 Method 2

1-8 scale, 8 best rating

Test apparatus: Atlas Ci4000 Xenon Weather-Ometer

Sample mark	Colour fastness
151	7
191	7
281	7
441	7
251	7
631	7
931	7

Colour fastness to rubbing

EN ISO 105-X12:2016

Test conditions: 21°C, 65% RH

Conditioning time: 24 h

Soak: 100%

1-5 scale, 5 best rating

Rubbing finger: Cylinder 16 mm

Force: 9 N

Staining Sample	Warp direction		Weft direction	
	Dry rubbing	Wet rubbing	Dry rubbing	Wet rubbing
151	4-5	4	4-5	4
191	4	4	4	4
281	4-5	4	4-5	4
441	4-5	4	4-5	4
251	4-5	4-5	4-5	4-5
631	4-5	4-5	4-5	4-5
931	4-5	4	4-5	4



Colour fastness to water

EN ISO 105-E01:2013

Test conditions: 21°C, 65% RH

1-5 scale, 5 best rating

Sample	Adjacent fabric	Staining of	Rating
151	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4-5 4-5 4-5 4-5 4-5 4-5 5
191	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4-5 4-5 4 4-5 4-5 4-5 4-5
281	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4-5 4-5 4-5 4-5 4-5 4-5 4-5
441	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4-5 4-5 4-5 4-5 4-5 4-5 4-5



Colour fastness to water (continued)

Sample	Adjacent fabric	Staining of	Rating
251	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4-5 4-5 4-5 4-5 4-5 4-5 4-5
631	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool:	4-5 4-5 4-5 4-5 4-5 4-5
931	Multifibre DW ISO 105-F10:1989 + ISO 105-F10:1989/AMD 1:2009	Acetate: Cotton: Polyamide: Polyester: Acrylic: Wool: Change in colour:	4-5 4-5 4-5 4-5 4-5 4-5 4-5