



TESTING LABORATORY
Cejl 480/12, 602 00 Brno, Czech Republic

TESTING LABORATORY 1001
accredited according to ČSN EN ISO/IEC 17025:2018 by the Czech Accreditation Institute

TEST REPORT

AZL 26/0238

CUSTOMER: Kvadrat A/S
Lundbergsvej 10
8400 Ebeltoft
Denmark

SAMPLE: Loux Line
(according to the customer order)
Item number: 20182
Use surface: 100% Iyocell
Colours: 0112, 0922, 0962, 0182, 0232, 0262, 0162, 0612, 0372,
0142, 0132, 0212

CONDITIONS OF APPLICATION OF THE TEST REPORT:

The laboratory is not responsible for information supplied by the customer that may affect the validity of test results.

Test Report contains results of the tests related to the submitted sample only. Sampling has been done by the customer. The Report may not be reproduced in any way other than as a complete set. Reproduction of certain parts of the Report is subject to approval of the test laboratory, which has issued it. All information about subcontracted tests results or unaccredited test methods is presented in text part of the test report. Unless otherwise stated, all tests were performed at the address, listed in the header.

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**Determination of colour fastness to rubbing**

was tested according to ČSN EN ISO 105-X12

- rubbing conditions: dry / wet (wetting of rubbing cloth: 100 %)
- rubbing finger: for textiles [diameter (16±0,1) mm; downward force (9±0,2) N]
- climatic conditions during testing: temperature (20±2) °C, RH (65±2) %
- time of air-conditioning of samples: 4 hours

Result: grade of grey scale (staining to cotton rubbing cloth according to ČSN EN ISO 105-A03)

Sample	Results	
Loux Line, colour 0112	staining in warp / weft direction	
	dry conditions	5 / 5
	wet conditions	4-5 / 4-5
Loux Line, colour 0922	staining in warp / weft direction	
	dry conditions	5 / 5
	wet conditions	4-5 / 4-5
Loux Line, colour 0962	staining in warp / weft direction	
	dry conditions	5 / 5
	wet conditions	4-5 / 4-5
Loux Line, colour 0182	staining in warp / weft direction	
	dry conditions	4-5 / 4-5
	wet conditions	4 / 4
Loux Line, colour 0232	staining in warp / weft direction	
	dry conditions	4-5 / 5
	wet conditions	4-5 / 5
Loux Line, colour 0262	staining in warp / weft direction	
	dry conditions	4-5 / 5
	wet conditions	4-5 / 4-5
Loux Line, colour 0162	staining in warp / weft direction	
	dry conditions	4-5 / 4-5
	wet conditions	4-5 / 4-5
Loux Line, colour 0372	staining in warp / weft direction	
	dry conditions	4-5 / 4
	wet conditions	4 / 4
Loux Line, colour 0142	staining in warp / weft direction	
	dry conditions	5 / 5
	wet conditions	4-5 / 4-5
Loux Line, colour 0132	staining in warp / weft direction	
	dry conditions	4-5 / 4-5
	wet conditions	4-5 / 4-5





Sample	Results	
Loux Line, colour 0612	staining in warp / weft direction	
	dry conditions	5 / 5
	wet conditions	4-5 / 4-5
Loux Line, colour 0212	staining in warp / weft direction	
	dry conditions	5 / 5
	wet conditions	5 / 5

Determination of colour fastness to water

was tested according to ČSN EN ISO 105-E01

- adjacent fabrics: viscose / wool
- the option used: samples tested horizontally

Result: grade of grey scale (colour change according to ČSN EN 20105-A02, staining according to ČSN EN ISO 105-A03)

Sample	Results
Loux Line, colour 0112	colour change / staining 5 / 4-5 / 4-5
Loux Line, colour 0922	colour change / staining 5 / 4-5 / 4-5
Loux Line, colour 0962	colour change / staining 5 / 4-5 / 4-5
Loux Line, colour 0182	colour change / staining 5 / 4-5 / 4-5
Loux Line, colour 0232	colour change / staining 5 / 4-5 / 4-5
Loux Line, colour 0262	colour change / staining 5 / 4-5 / 4-5
Loux Line, colour 0162	colour change / staining 5 / 4-5 / 4-5
Loux Line, colour 0612	colour change / staining 5 / 4-5 / 4-5
Loux Line, colour 0372	colour change / staining 5 / 4-5 / 4-5
Loux Line, colour 0142	colour change / staining 5 / 4-5 / 4-5
Loux Line, colour 0132	colour change / staining 5 / 4-5 / 4-5
Loux Line, colour 0212	colour change / staining 5 / 4-5 / 5





Determination of colour fastness to artificial light: Xenon arc fading lamp test

was tested according to ČSN EN ISO 105-B02

- instrument: QSUN-Xe2, model B02, air cooled Xe lamp
- lighting procedure: method 2
- sample's rotation: not used
- exposure conditions: A1 - normal, adequate to mild zone (RH 40 %, BST (45±3) °C)
- approximate radiation energy: (300-400 nm): 20,4 MJ/m²

Result: grade of blue scale

Sample	Results
Loux Line, colour 0112	colour change 8
Loux Line, colour 0922	colour change 8
Loux Line, colour 0962	colour change 8
Loux Line, colour 0182	colour change 8
Loux Line, colour 0232	colour change 8
Loux Line, colour 0262	colour change 8
Loux Line, colour 0162	colour change 8
Loux Line, colour 0612	colour change 8
Loux Line, colour 0372	colour change 8
Loux Line, colour 0142	colour change 8
Loux Line, colour 0132	colour change 7-8
Loux Line, colour 0212	colour change 8

Approved by:


Markéta Hrubanová
Head of Testing Laboratories

End of report

