

kvadrat

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CVR 45998517 Jyske Bank 5073 117977-1

Lightfastness ISO 105-B02

Saxion

Colour number	Note
107	8
127	6
177	5-6
197	6-7
227	5-6
237	7
357	7
367	5
397	6
447	7
517	6
577	6
647	5
757	6-7
927	5
967	6
987	6

Danish Technological Institute 250668-1-TEX, 29. April 2024
Testing Laboratory TZU:
AZL 24/0748-01, 14.08.2025
AZL 25/0581, 20.05.2025
AZL 25/1076-01, 10.09.2025

Test Report

Report Number:
250668-1-TEX



**DANISH
TECHNOLOGICAL
INSTITUTE**

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Page 1 of 5
Init.: CHF/LELN
Order no.: 250668
Encl.: 0

Assignor: KVADRAT A/S, Lundbergsvej 10, DK-8400 Ebeltoft

Material: Samples of upholstery fabric designated: Saxion. 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 8 April 2024.

Period: The test took place from 8 April 2024 to 29 April 2024.

Method: The test methods used are referenced in connection with the results. See page 5.

Test results: The results are shown from page 5 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
0197	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	
0187	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	
0127	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	
0397	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	
0227	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	
0267	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	


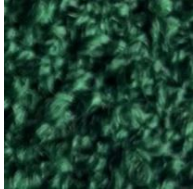



Samples (continued)

Sample mark	Description	Photo
0277	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	
0517	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	
0577	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	
0647	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	
0757	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	
0927	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	



Samples (continued)

Sample mark	Description	Photo
0987	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	
0967	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	
0677	Sample of upholstery fabric Designated: Saxion Composition: 89% new wool, worsted, 6% nylon, 3% polyester	



Results

Test of Samples of upholstery fabric designated: Saxion

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
0197	6-7
0187	5-6
0127	6
0397	6
0227	5-6
0267	5
0277	4-5
0517	6
0577	6
0647	4
0757	6-7
0927	5
0987	6
0967	6
0677	4-5



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 24/0748-01

CUSTOMER: Kvadrat A/S
Lundbergsvej 10
8400 Ebeltoft
Denmark

SAMPLE: Saxion
(according to the customer order) Fibre composition: 89% wool / 8% nylon / 3% polyester
Colours: 0107, 0357, 0237, 0267, 0387, 0447

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.

PREPARED BY:
CHECKED BY:
NUMBER OF PAGES:

O. Kovářová *Kovářová*
S. Aulehlová *Aulehlová*
2

**DATE OF
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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): 20,5 MJ/m²

Result: grade of blue scale

Sample	Results
Saxion, colour 0107	colour change 8
Saxion, colour 0357	colour change 7
Saxion, colour 0237	colour change 7
Saxion, colour 0267	colour change 7
Saxion, colour 0387	colour change 6-7
Saxion, colour 0447	colour change 7

Approved by:


Markéta Hrubanová
Head of Testing Laboratories

End of report





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

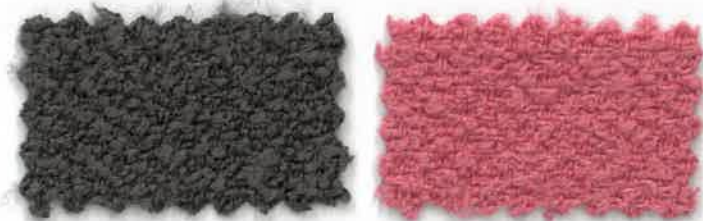
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TEST REPORT

AZL 25/0581

CUSTOMER: Kvadrat A/S
Lundbergsvej 10
8400 Ebeltoft
Denmark

SAMPLE: Fabric Saxion
(according to the customer order)
Fibre composition: 89% new wool / 8% nylon / 3% polyester
Colours: 0177, 0647



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

**CONDITIONS OF
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REPORT:**

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PREPARED BY: O. Kovářová *Kovářová*
CHECKED BY: S. Aulehlová *Aulehlová*
NUMBER OF PAGES: 2

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***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): 20,2 MJ/m²

Result: grade of blue scale

Sample	Results
Saxion, col. 0177	colour change 5-6
Saxion, col. 0647	colour change 5

Approved by:



Markéta Hrubanová
Head of Testing Laboratories

End of report





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 25/1076-01

CUSTOMER: Kvadrat A/S
Lundbergsvej 10
8400 Ebeltøft
Denmark

SAMPLE: Fabric Saxion
(according to the customer order) Fibre composition: 89% wool, worsted / 8% nylon / 3% polyester
Colour: 367

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.

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PREPARED BY:
CHECKED BY:
NUMBER OF PAGES:

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S. Aulehlová *Aulehlová*
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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): 20,3 MJ/m²

Result: grade of blue scale

Sample	Results
Saxion, col. 367	colour change 5

Approved by:

A handwritten signature in blue ink, appearing to read 'Markéta Hrubanová'.

Markéta Hrubanová
Head of Testing Laboratories

End of report

