

Laboratory of Chemical Instrumental Analysis

Łukasiewicz Research Network – Lodz Institute of Technology,
90-570 Lodz, 19/27 Marii Skłodowskiej-Curie Str., phone 48 42 307-09-01
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Łódź, 30th October 2024

L-556/2024

TEST CERTIFICATE No BL-AI 543/1096/2024/A

- Name and address of the principal ^{x)}:** Toptextil Sp. z o.o.
ul. Mickiewicza 29, 34-100 Wadowice
- Subject of study ^{x)}:** sample – furniture upholstery fabric TEQUILA, raw material
composition: 100 % polyester
- Date of receiving sample for testing:** 26.09.2024
- Date of the test conducting:** 08.10 - 09.10.2024
- Sampling:** sample in a proper size, in a proper condition for tests, supplied by the customer

RESULTS OF THE TESTS

Tested feature	Result of the test [degree]	Reference document	Test conditions	Level of requirements for categories according to PN-EN 14465:2005 + A1:2007		
				A	B	C
Colour fastness to: - dry rubbing: ¹⁾ warp weft - wet rubbing: ¹⁾ warp weft	a/ 4-5 a/ 4-5 a/ 4-5 a/ 4-5	PN-EN ISO 105-X12:2016-08	- time of acclimatisation: 4 h - temperature of the test: 21.3 °C - humidity of the test: 51.9 % - rubbing pick: Ø 16 ± 0.1 mm - push: 9 ± 0.2 N - degree of moisturising of the rubbing fabric: 100 %	≥ 4-5 ≥ 3-4	≥ 4 ≥ 3	≥ 3-4 ≥ 2-3

¹⁾ Colour fastness according to "Grey scale", indicator "5" means – no change in colour in cotton rubbing fabric, indicator "1" means – big change in colour.

a/ staining - the cotton rubbing fabric

Remarks:

- Test results refer only to the tested material.
- Neither of the parts of this test certificate can be copied without written permission of the Head of the Laboratory.
- ^{x)} Data provided by the principal/customer.
- Total number of pages of the test certificate: 1.

Test conducted by:
Marta Łatwińska PhD

Authorized by:

LABORATORIUM CHEMICZNYCH
ANALIZ INSTRUMENTALNYCH
Z-CIA KIEROWNIKA

mgr inż. Gabriela Pałucka

Number of copies of the test certificate: 3

The test certificate receive:

- Customer - 2 copies
- The ŁUKASIEWICZ Research Network – Lodz Institute of Technology – BL-AI - 1 copy

- THE END -

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1. **Name and address of the principal ^{x)}:** Toptextil Sp. z o.o.
ul. Mickiewicza 29, 34-100 Wadowice
2. **Subject of study ^{x)}:** sample – furniture upholstery fabric TEQUILA, raw material
composition: 100 % polyester
3. **Date of receiving sample for testing:** 26.09.2024
4. **Date of the test conducting:** 15.10 - 25.10.2024
5. **Sampling:** sample in a proper size, in a proper condition for tests, supplied by
the customer

RESULTS OF THE TESTS

Tested feature	Result of the test [degree]	Reference document	Test conditions	Level of requirements for categories according to PN-EN 14465:2005 + A1:2007		
				A	B	C
Colour fastness to: - artificial light ¹⁾	a/ 3-4	PN-EN ISO 105- B02:2014-11 Method 2	- device: Xenotest Alpha + - light conditions: A1 - radiation measurement in the range 300-400 nm - sample rotation was not applied	≥ 6	≥ 5	≥ 4

¹⁾ Colour fastness according to "Blue scale", indicator "8" means – no change in colour, indicator "1" means – big change in colour.

a/ change in colour of the sample

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gabriela.palucka@lit.lukasiewicz.gov.pl

Łódź, 30th October 2024

L-556/2024

TEST CERTIFICATE No BL-AI 543/1097/2024/A

- Name and address of the principal ^{x)}:** Toptextil Sp. z o.o.
ul. Mickiewicza 29, 34-100 Wadowice
- Subject of study ^{x)}:** sample – furniture upholstery fabric ANCONA ANTYSLIP 9940, raw material composition: 100 % polyester
- Date of receiving sample for testing:** 26.09.2024
- Date of the test conducting:** 08.10 - 09.10.2024
- Sampling:** sample in a proper size, in a proper condition for tests, supplied by the customer

RESULTS OF THE TESTS

Tested feature	Result of the test [degree]	Reference document	Test conditions	Level of requirements for categories according to PN-EN 14465:2005 + A1:2007		
				A	B	C
Colour fastness to: - dry rubbing: ¹⁾ warp weft	a/ 4-5 a/ 4-5	PN-EN ISO 105-X12:2016-08	- time of acclimatisation: 4 h - temperature of the test: 21.3 °C - humidity of the test: 51.9 % - rubbing pick: Ø 16 ± 0.1 mm - push: 9 ± 0.2 N - degree of moisturising of the rubbing fabric: 100 %	≥ 4-5	≥ 4	≥ 3-4
- wet rubbing: ¹⁾ warp weft	a/ 4-5 a/ 4-5			≥ 3-4	≥ 3	≥ 2-3

¹⁾ Colour fastness according to "Grey scale", indicator "5" means – no change in colour in cotton rubbing fabric, indicator "1" means – big change in colour.
a/ staining - the cotton rubbing fabric

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