

Investigation report

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date 19.09.2019

Investigation report No. 19/3081

order description: Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test DIN EN ISO 105-B02 (2014-11) method 2

test samples: Art. Avalon2 art.-no. 600689 in 39 colours
sampling: by the client
orderer: see address
date of order: 14.08.2019
receipt of order: 26.08.2019
date of testing: 18.09.2019

Remark

The results are valid only for the tested object. The accreditation applies for the methods listed in the annex to the certificate D-PL-17323-01-00. Accredited test methods are underlined. The valuations and Interpretations in the investigation report are not subject to accreditation. Tests conducted through co-operation partners are marked with °. The content of this investigation report will not be passed to third persons without written approval of the orderer. The partial publication of the test report, as well as the usage for commercial process, is only allowed with a permission of the DELCOTEX Delius Techtex GmbH & Co. KG. Remnants of test material will be destroyed after 3 months. Previously stated specifications / data sheets / certificates are only characters and no warranties. Also no warranty in case of durability will be overtaken. Finally our general delivery and payment conditions are valid (please see www.textillabor.eu).



F-88-022-002

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Commerzbank AG Bielefeld ▶ IBAN DE58 4804 0035 0780 8900 00 ▶ BIC COBADEFFXXX

Investigation report No. 19/3081

instructions for performing

method: Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test DIN EN ISO 105-B02 (2014-11) method 2

measuring conditions:

tester Atlas Xenotest alpha LM
light xenon arc beam
filtersystem type 7
sample movement interchangeable barrel
exposure time 170 h - to note 6

test results

Art. Avalon2 art.-no. 600689 in 39 colours

article / colour	Note*
Art. Avalon2 art.-no. 600689 colour 01	5-6
Art. Avalon2 art.-no. 600689 colour 02	6
Art. Avalon2 art.-no. 600689 colour 03	5-6
Art. Avalon2 art.-no. 600689 colour 04	5-6
Art. Avalon2 art.-no. 600689 colour 05	6
Art. Avalon2 art.-no. 600689 colour 06	6
Art. Avalon2 art.-no. 600689 colour 07	6
Art. Avalon2 art.-no. 600689 colour 11	5-6
Art. Avalon2 art.-no. 600689 colour 12	6
Art. Avalon2 art.-no. 600689 colour 15	6
Art. Avalon2 art.-no. 600689 colour 17	6
Art. Avalon2 art.-no. 600689 colour 21	5-6
Art. Avalon2 art.-no. 600689 colour 22	5-6
Art. Avalon2 art.-no. 600689 colour 23	6
Art. Avalon2 art.-no. 600689 colour 25	6
Art. Avalon2 art.-no. 600689 colour 26	6
Art. Avalon2 art.-no. 600689 colour 27	6
Art. Avalon2 art.-no. 600689 colour 34	5-6
Art. Avalon2 art.-no. 600689 colour 35	5-6
Art. Avalon2 art.-no. 600689 colour 38	5-6

Investigation report No. 19/3081

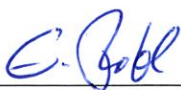
test results

article / colour	Note*
Art. Avalon2 art.-no. 600689 colour 40	6
Art. Avalon2 art.-no. 600689 colour 41	6
Art. Avalon2 art.-no. 600689 colour 42	6
Art. Avalon2 art.-no. 600689 colour 43	6
Art. Avalon2 art.-no. 600689 colour 44	5
Art. Avalon2 art.-no. 600689 colour 45	5-6
Art. Avalon2 art.-no. 600689 colour 46	5
Art. Avalon2 art.-no. 600689 colour 47	5-6
Art. Avalon2 art.-no. 600689 colour 48	5
Art. Avalon2 art.-no. 600689 colour 49	6
Art. Avalon2 art.-no. 600689 colour 50	6
Art. Avalon2 art.-no. 600689 colour 51	5-6
Art. Avalon2 art.-no. 600689 colour 52	6
Art. Avalon2 art.-no. 600689 colour 53	6
Art. Avalon2 art.-no. 600689 colour 54	6
Art. Avalon2 art.-no. 600689 colour 55	5-6
Art. Avalon2 art.-no. 600689 colour 56	5-6
Art. Avalon2 art.-no. 600689 colour 57	5
Art. Avalon2 art.-no. 600689 colour 58	5

* The results based on using the blue scale.

Note 1 = intense colour change

Note 8 = no colour change



i.A. Erik Radl

Laboratory/Laboratory

DELCOTEX Delius Techtex GmbH & Co. KG

Only the information in the signed test report is considered as binding.

Investigation report No. 19/3081

Appendix

Article: Moire in 20 colours

Method: Colour fastness to artificial light: Xenon arc fading lamp
DIN EN ISO 105-B02 (2014-11) method 2

Art. Avalon2 art.-no. 600689 colour 01

Art. Avalon2 art.-no. 600689 colour 02

Art. Avalon2 art.-no. 600689 colour 03

Art. Avalon2 art.-no. 600689 colour 04

Art. Avalon2 art.-no. 600689 colour 05

Art. Avalon2 art.-no. 600689 colour 06



*The end mark refers to the change of colour using the blue scale.
Note 1 = very low colour fastness / strong change in colour
Note 8 = very high colour fastness / no change in colour

Investigation report No. 19/3081

Appendix

Article: Moire in 20 colours

Method: Colour fastness to artificial light: Xenon arc fading lamp
DIN EN ISO 105-B02 (2014-11) method 2

Art. Avalon2 art.-no. 600689 colour 07

Art. Avalon2 art.-no. 600689 colour 11

Art. Avalon2 art.-no. 600689 colour 12

Art. Avalon2 art.-no. 600689 colour 15

Art. Avalon2 art.-no. 600689 colour 17

Art. Avalon2 art.-no. 600689 colour 21



*The end mark refers to the change of colour using the blue scale.

Note 1 = very low colour fastness / strong change in colour

Note 8 = very high colour fastness / no change in colour

Investigation report No. 19/3081

Appendix

Article: Moire in 20 colours

Method: Colour fastness to artificial light: Xenon arc fading lamp
DIN EN ISO 105-B02 (2014-11) method 2

Art. Avalon2 art.-no. 600689 colour 22

Art. Avalon2 art.-no. 600689 colour 23

Art. Avalon2 art.-no. 600689 colour 25

Art. Avalon2 art.-no. 600689 colour 26

Art. Avalon2 art.-no. 600689 colour 27

Art. Avalon2 art.-no. 600689 colour 34



*The end mark refers to the change of colour using the blue scale.

Note 1 = very low colour fastness / strong change in colour

Note 8 = very high colour fastness / no change in colour

Investigation report No. 19/3081

Appendix

Article: Moire in 20 colours

Method: Colour fastness to artificial light: Xenon arc fading lamp
DIN EN ISO 105-B02 (2014-11) method 2

Art. Avalon2 art.-no. 600689 colour 35

Art. Avalon2 art.-no. 600689 colour 38

Art. Avalon2 art.-no. 600689 colour 40

Art. Avalon2 art.-no. 600689 colour 41

Art. Avalon2 art.-no. 600689 colour 42

Art. Avalon2 art.-no. 600689 colour 43



*The end mark refers to the change of colour using the blue scale.

Note 1 = very low colour fastness / strong change in colour

Note 8 = very high colour fastness / no change in colour

Investigation report No. 19/3081

Appendix

Article: Moire in 20 colours

Method: Colour fastness to artificial light: Xenon arc fading lamp
DIN EN ISO 105-B02 (2014-11) method 2

Art. Avalon2 art.-no. 600689 colour 44

Art. Avalon2 art.-no. 600689 colour 45

Art. Avalon2 art.-no. 600689 colour 46

Art. Avalon2 art.-no. 600689 colour 47

Art. Avalon2 art.-no. 600689 colour 48

Art. Avalon2 art.-no. 600689 colour 49



*The end mark refers to the change of colour using the blue scale.

Note 1 = very low colour fastness / strong change in colour

Note 8 = very high colour fastness / no change in colour

Investigation report No. 19/3081

Appendix

Article: Moire in 20 colours

Method: Colour fastness to artificial light: Xenon arc fading lamp
DIN EN ISO 105-B02 (2014-11) method 2

Art. Avalon2 art.-no. 600689 colour 50

Art. Avalon2 art.-no. 600689 colour 51

Art. Avalon2 art.-no. 600689 colour 52

Art. Avalon2 art.-no. 600689 colour 53

Art. Avalon2 art.-no. 600689 colour 54

Art. Avalon2 art.-no. 600689 colour 55



*The end mark refers to the change of colour using the blue scale.

Note 1 = very low colour fastness / strong change in colour

Note 8 = very high colour fastness / no change in colour

Investigation report No. 19/3081

Appendix

Article: Moire in 20 colours

Method: Colour fastness to artificial light: Xenon arc fading lamp
DIN EN ISO 105-B02 (2014-11) method 2

Art. Avalon2 art.-no. 600689 colour 56

Art. Avalon2 art.-no. 600689 colour 57

Art. Avalon2 art.-no. 600689 colour 58



*The end mark refers to the change of colour using the blue scale.

Note 1 = very low colour fastness / strong change in colour

Note 8 = very high colour fastness / no change in colour

Investigation report

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date 17.09.2024

investigation report No. 24/2712

order description: Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test DIN EN ISO 105-B02 (2014-11) method 2
test samples: "Art: Avalon 2, Col. 059, 100% Trevira CS"
sampling: by the client
orderer: see address
date of order: 19.08.2024
receipt of order: 22.08.2024
date of testing: 17.09.2024

Remark: The results are valid only for the tested object. Accredited test methods are underlined. The accreditation applies for the methods listed in the annex to the certificate D-PL-17323-01-00. The valuations and Interpretations in the investigation report are not subject to accreditation. Tests conducted through co-operation partners are marked with °. All information provided by the customer, which is taken over unchecked and thus reflected in the examination report, are placed in quotation marks on the first page of the investigation report. Changes to the original investigation report are marked with a vertical line in the left margin and a revision level is added to the investigation report number. The content of this investigation report will not be passed to third persons without written approval of the orderer. The partial publication of the test report, as well as the usage for commercial process, is only allowed with a permission of the DELCOTEX Delius Tectex GmbH & Co. KG. Remnants of test material will be destroyed after 3 months. Previously stated specifications / data sheets / certificates are only characters and no warranties. Also no warranty in case of durability will be overtaken. Finally our general delivery and payment conditions are valid (please see www.textillabor.eu).

Investigation report No. 24/2712

instructions for performing

method: **Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test DIN EN ISO 105-B02 (2014-11) method 2**

measuring conditions:
tester Atlas Xenotest alpha LM
light xenon arc beam
filtersystem type 7
sample movement interchangeable barrel
exposure time 200 h - to note 6
test equipment number: PM-Nr. 887003

test results

"Art: Avalon 2, Col. 059, 100% Trevira CS"

article / colour	Note*
sample	6

* The results based on using the blue scale.

Note 1 = intense colour change

Note 8 = no colour change



i.A. Bianca Hüttemann
 Labor/Laboratory
 DELCOTEX Delius Techtex GmbH & Co. KG

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Investigation report No. 24/2712

Attachment

article:
method:

"Art: Avalon 2, Col. 059, 100% Trevira CS"

Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light:
Xenon arc fading lamp test DIN EN ISO 105-B02 (2014-11) method 2

