



**Feabrik bv
Terheijdenstraat 3C
4811 AW BREDA
Netherlands**

Your notice of
24-02-2025

Your reference

Date
12-03-2025

Analysis Report 25.01013.01

Required tests :

**ISO 105-X12 (2016)
ISO 105-B02 (2014)**

**Determination of the colour fastness to rubbing
Determination of the colour fastness to light**

Sample id	Information given by the client	Date of receipt
T2504041	REGOS 231	24-02-2025
T2504042	REGOS 351	24-02-2025
T2504043	REGOS 271	24-02-2025
T2504044	REGOS 681	24-02-2025
T2504045	REGOS 161	24-02-2025
T2504046	REGOS 951	24-02-2025
T2504047	REGOS 981	24-02-2025
T2504048	REGOS 171	24-02-2025
T2504049	REGOS 781	24-02-2025
T2504050	REGOS 751	24-02-2025
T2504051	REGOS 741	24-02-2025
T2504052	REGOS 191	24-02-2025

Elke Van De Walle
Order responsible

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The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.
In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.

Samples

T2504041
REGOS 231



T2504042
REGOS 351



T2504043
REGOS 271



T2504044
REGOS 681



T2504045
REGOS 161



T2504046
REGOS 951



T2504047
REGOS 981



T2504048
REGOS 171



T2504049
REGOS 781



T2504050
REGOS 751



T2504051
REGOS 741



T2504052
REGOS 191





Reference: T2504041 - REGOS 231

Determination of the colour fastness to rubbing

Date of ending the test 11-03-2025
 Standard used ISO 105-X12 (2016)

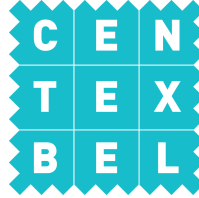
Deviation from the standard -
 Conditioning 20°C, relative humidity 65%
 Apparatus Crockmeter
 Applied finger Ø 16 mm
 Pressure on test specimen 9 N
 Number of cycles 10

Numerical rating

	Warp direction	Weft direction
Dry	4-5	4-5
Wet	4-5	4-5

Grading against grey scale for change in colour (ISO 105 A02) and/or staining (ISO 105 A03):

Use of a 9 point scale from 5 to 1; where 5 is excellent and 1 is poor. Intermediate values like 2-3 are possible.



Reference: T2504041 - REGOS 231

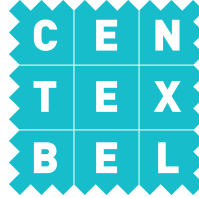
Determination of the colour fastness to light

Date of ending the test 11-03-2025
Standard used ISO 105-B02 (2014)

Deviation from the standard -
Method 1
Apparatus Xenotest 220+ Atlas
Exposure Constant
Irradiance 42 W/m² @ 300-400 nm
Black standard temperature 47±3°C
Effective humidity ±40%

Assessment according the blue scale standard

Numerical rating	6-7
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Reference: T2504042 - REGOS 351

Determination of the colour fastness to rubbing

Date of ending the test 11-03-2025
 Standard used ISO 105-X12 (2016)

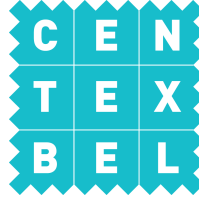
Deviation from the standard -
 Conditioning 20°C, relative humidity 65%
 Apparatus Crockmeter
 Applied finger Ø 16 mm
 Pressure on test specimen 9 N
 Number of cycles 10

Numerical rating

	Warp direction	Weft direction
Dry	4-5	4-5
Wet	4-5	4-5

Grading against grey scale for change in colour (ISO 105 A02) and/or staining (ISO 105 A03):

Use of a 9 point scale from 5 to 1; where 5 is excellent and 1 is poor. Intermediate values like 2-3 are possible.



Reference: T2504042 - REGOS 351

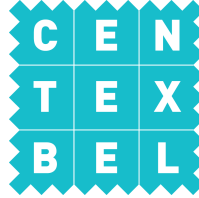
Determination of the colour fastness to light

Date of ending the test 11-03-2025
Standard used ISO 105-B02 (2014)

Deviation from the standard -
Method 1
Apparatus Xenotest 220+ Atlas
Exposure Constant
Irradiance 42 W/m² @ 300-400 nm
Black standard temperature 47±3°C
Effective humidity ±40%

Assessment according the blue scale standard

Numerical rating	6
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Reference: T2504043 - REGOS 271

Determination of the colour fastness to rubbing

Date of ending the test 11-03-2025
 Standard used ISO 105-X12 (2016)

Deviation from the standard -
 Conditioning 20°C, relative humidity 65%
 Apparatus Crockmeter
 Applied finger Ø 16 mm
 Pressure on test specimen 9 N
 Number of cycles 10

Numerical rating

	Warp direction	Weft direction
Dry	4-5	4-5
Wet	4-5	4-5

Grading against grey scale for change in colour (ISO 105 A02) and/or staining (ISO 105 A03):

Use of a 9 point scale from 5 to 1; where 5 is excellent and 1 is poor. Intermediate values like 2-3 are possible.



Reference: T2504043 - REGOS 271

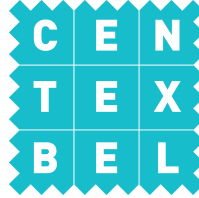
Determination of the colour fastness to light

Date of ending the test 11-03-2025
Standard used ISO 105-B02 (2014)

Deviation from the standard -
Method 1
Apparatus Xenotest 220+ Atlas
Exposure Constant
Irradiance 42 W/m² @ 300-400 nm
Black standard temperature 47±3°C
Effective humidity ±40%

Assessment according the blue scale standard

Numerical rating	7
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Reference: T2504044 - REGOS 681

Determination of the colour fastness to rubbing

Date of ending the test 11-03-2025
 Standard used ISO 105-X12 (2016)

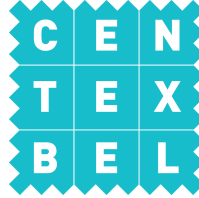
Deviation from the standard -
 Conditioning 20°C, relative humidity 65%
 Apparatus Crockmeter
 Applied finger Ø 16 mm
 Pressure on test specimen 9 N
 Number of cycles 10

Numerical rating

	Warp direction	Weft direction
Dry	4-5	4-5
Wet	4-5	4-5

Grading against grey scale for change in colour (ISO 105 A02) and/or staining (ISO 105 A03):

Use of a 9 point scale from 5 to 1; where 5 is excellent and 1 is poor. Intermediate values like 2-3 are possible.



Reference: T2504044 - REGOS 681

Determination of the colour fastness to light

Date of ending the test	11-03-2025
Standard used	ISO 105-B02 (2014)
Deviation from the standard	-
Method	1
Apparatus	Xenotest 220+ Atlas
Exposure	Constant
Irradiance	42 W/m ² @ 300-400 nm
Black standard temperature	47±3°C
Effective humidity	±40%

Assessment according the blue scale standard

Numerical rating	6-7
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Reference: T2504045 - REGOS 161

Determination of the colour fastness to rubbing

Date of ending the test 11-03-2025
Standard used ISO 105-X12 (2016)

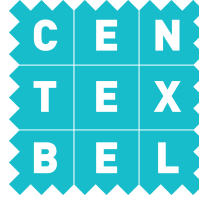
Deviation from the standard -
Conditioning 20°C, relative humidity 65%
Apparatus Crockmeter
Applied finger Ø 16 mm
Pressure on test specimen 9 N
Number of cycles 10

Numerical rating

	Warp direction	Weft direction
Dry	4-5	4-5
Wet	4-5	4-5

Grading against grey scale for change in colour (ISO 105 A02) and/or staining (ISO 105 A03):

Use of a 9 point scale from 5 to 1; where 5 is excellent and 1 is poor. Intermediate values like 2-3 are possible.



Reference: T2504045 - REGOS 161

Determination of the colour fastness to light

Date of ending the test	11-03-2025
Standard used	ISO 105-B02 (2014)
Deviation from the standard	-
Method	1
Apparatus	Xenotest 220+ Atlas
Exposure	Constant
Irradiance	42 W/m ² @ 300-400 nm
Black standard temperature	47±3°C
Effective humidity	±40%

Assessment according the blue scale standard

Numerical rating	6-7
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Reference: T2504046 - REGOS 951

Determination of the colour fastness to rubbing

Date of ending the test 11-03-2025
Standard used ISO 105-X12 (2016)

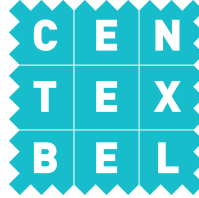
Deviation from the standard -
Conditioning 20°C, relative humidity 65%
Apparatus Crockmeter
Applied finger Ø 16 mm
Pressure on test specimen 9 N
Number of cycles 10

Numerical rating

	Warp direction	Weft direction
Dry	4-5	4-5
Wet	4-5	4-5

Grading against grey scale for change in colour (ISO 105 A02) and/or staining (ISO 105 A03):

Use of a 9 point scale from 5 to 1; where 5 is excellent and 1 is poor. Intermediate values like 2-3 are possible.



Reference: T2504046 - REGOS 951

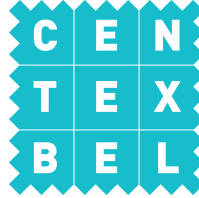
Determination of the colour fastness to light

Date of ending the test 11-03-2025
Standard used ISO 105-B02 (2014)

Deviation from the standard -
Method 1
Apparatus Xenotest 220+ Atlas
Exposure Constant
Irradiance 42 W/m² @ 300-400 nm
Black standard temperature 47±3°C
Effective humidity ±40%

Assessment according the blue scale standard

Numerical rating	6-7
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Reference: T2504047 - REGOS 981

Determination of the colour fastness to rubbing

Date of ending the test 11-03-2025
 Standard used ISO 105-X12 (2016)

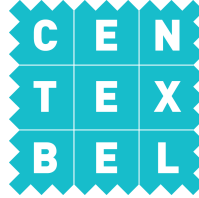
Deviation from the standard -
 Conditioning 20°C, relative humidity 65%
 Apparatus Crockmeter
 Applied finger Ø 16 mm
 Pressure on test specimen 9 N
 Number of cycles 10

Numerical rating

	Warp direction	Weft direction
Dry	4-5	4-5
Wet	4-5	4-5

Grading against grey scale for change in colour (ISO 105 A02) and/or staining (ISO 105 A03):

Use of a 9 point scale from 5 to 1; where 5 is excellent and 1 is poor. Intermediate values like 2-3 are possible.



Reference: T2504047 - REGOS 981

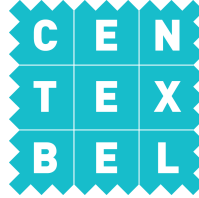
Determination of the colour fastness to light

Date of ending the test 11-03-2025
Standard used ISO 105-B02 (2014)

Deviation from the standard -
Method 1
Apparatus Xenotest 220+ Atlas
Exposure Constant
Irradiance 42 W/m² @ 300-400 nm
Black standard temperature 47±3°C
Effective humidity ±40%

Assessment according the blue scale standard

Numerical rating	6-7
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Reference: T2504048 - REGOS 171

Determination of the colour fastness to rubbing

Date of ending the test 11-03-2025
Standard used ISO 105-X12 (2016)

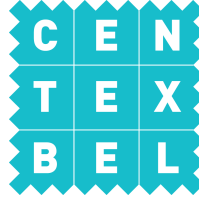
Deviation from the standard -
Conditioning 20°C, relative humidity 65%
Apparatus Crockmeter
Applied finger Ø 16 mm
Pressure on test specimen 9 N
Number of cycles 10

Numerical rating

	Warp direction	Weft direction
Dry	4-5	4-5
Wet	4-5	4-5

Grading against grey scale for change in colour (ISO 105 A02) and/or staining (ISO 105 A03):

Use of a 9 point scale from 5 to 1; where 5 is excellent and 1 is poor. Intermediate values like 2-3 are possible.



Reference: T2504048 - REGOS 171

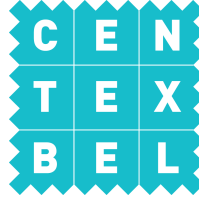
Determination of the colour fastness to light

Date of ending the test 11-03-2025
Standard used ISO 105-B02 (2014)

Deviation from the standard -
Method 1
Apparatus Xenotest 220+ Atlas
Exposure Constant
Irradiance 42 W/m² @ 300-400 nm
Black standard temperature 47±3°C
Effective humidity ±40%

Assessment according the blue scale standard

Numerical rating	6
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Reference: T2504049 - REGOS 781

Determination of the colour fastness to rubbing

Date of ending the test 11-03-2025
 Standard used ISO 105-X12 (2016)

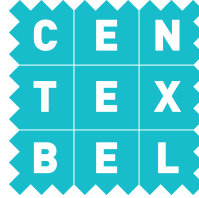
Deviation from the standard -
 Conditioning 20°C, relative humidity 65%
 Apparatus Crockmeter
 Applied finger Ø 16 mm
 Pressure on test specimen 9 N
 Number of cycles 10

Numerical rating

	Warp direction	Weft direction
Dry	4-5	4-5
Wet	4-5	4-5

Grading against grey scale for change in colour (ISO 105 A02) and/or staining (ISO 105 A03):

Use of a 9 point scale from 5 to 1; where 5 is excellent and 1 is poor. Intermediate values like 2-3 are possible.



Reference: T2504049 - REGOS 781

Determination of the colour fastness to light

Date of ending the test 11-03-2025
Standard used ISO 105-B02 (2014)

Deviation from the standard -
Method 1
Apparatus Xenotest 220+ Atlas
Exposure Constant
Irradiance 42 W/m² @ 300-400 nm
Black standard temperature 47±3°C
Effective humidity ±40%

Assessment according the blue scale standard

Numerical rating	7
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Reference: T2504050 - REGOS 751

Determination of the colour fastness to rubbing

Date of ending the test 11-03-2025
Standard used ISO 105-X12 (2016)

Deviation from the standard -
Conditioning 20°C, relative humidity 65%
Apparatus Crockmeter
Applied finger Ø 16 mm
Pressure on test specimen 9 N
Number of cycles 10

Numerical rating

	Warp direction	Weft direction
Dry	4-5	4-5
Wet	4-5	4-5

Grading against grey scale for change in colour (ISO 105 A02) and/or staining (ISO 105 A03):

Use of a 9 point scale from 5 to 1; where 5 is excellent and 1 is poor. Intermediate values like 2-3 are possible.



Reference: T2504050 - REGOS 751

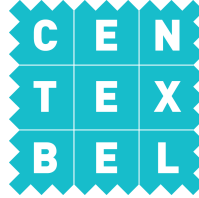
Determination of the colour fastness to light

Date of ending the test 11-03-2025
Standard used ISO 105-B02 (2014)

Deviation from the standard -
Method 1
Apparatus Xenotest 220+ Atlas
Exposure Constant
Irradiance 42 W/m² @ 300-400 nm
Black standard temperature 47±3°C
Effective humidity ±40%

Assessment according the blue scale standard

Numerical rating	6-7
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Reference: T2504051 - REGOS 741

Determination of the colour fastness to rubbing

Date of ending the test 11-03-2025
 Standard used ISO 105-X12 (2016)

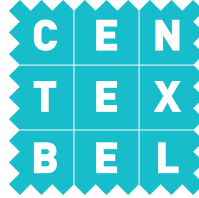
Deviation from the standard -
 Conditioning 20°C, relative humidity 65%
 Apparatus Crockmeter
 Applied finger Ø 16 mm
 Pressure on test specimen 9 N
 Number of cycles 10

Numerical rating

	Warp direction	Weft direction
Dry	4-5	4-5
Wet	4-5	4-5

Grading against grey scale for change in colour (ISO 105 A02) and/or staining (ISO 105 A03):

Use of a 9 point scale from 5 to 1; where 5 is excellent and 1 is poor. Intermediate values like 2-3 are possible.



Reference: T2504051 - REGOS 741

Determination of the colour fastness to light

Date of ending the test 11-03-2025
Standard used ISO 105-B02 (2014)

Deviation from the standard -
Method 1
Apparatus Xenotest 220+ Atlas
Exposure Constant
Irradiance 42 W/m² @ 300-400 nm
Black standard temperature 47±3°C
Effective humidity ±40%

Assessment according the blue scale standard

Numerical rating	6-7
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Reference: T2504052 - REGOS 191

Determination of the colour fastness to rubbing

Date of ending the test 11-03-2025
 Standard used ISO 105-X12 (2016)

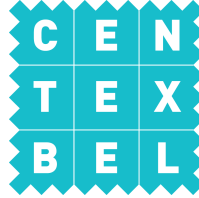
Deviation from the standard -
 Conditioning 20°C, relative humidity 65%
 Apparatus Crockmeter
 Applied finger Ø 16 mm
 Pressure on test specimen 9 N
 Number of cycles 10

Numerical rating

	Warp direction	Weft direction
Dry	4-5	4-5
Wet	4-5	4-5

Grading against grey scale for change in colour (ISO 105 A02) and/or staining (ISO 105 A03):

Use of a 9 point scale from 5 to 1; where 5 is excellent and 1 is poor. Intermediate values like 2-3 are possible.



Reference: T2504052 - REGOS 191

Determination of the colour fastness to light

Date of ending the test	11-03-2025
Standard used	ISO 105-B02 (2014)
Deviation from the standard	-
Method	1
Apparatus	Xenotest 220+ Atlas
Exposure	Constant
Irradiance	42 W/m ² @ 300-400 nm
Black standard temperature	47±3°C
Effective humidity	±40%

Assessment according the blue scale standard

Numerical rating	7
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