



Oniro Textiles
Fahrenheitbaan 4B
3439 MD Nieuwegein
Nederland

Your notice of
31-01-2023

Your reference

Date
20-02-2023

Analysis Report 23.00576.01

Required tests :

ISO 12947-2 (2016)

ISO 105-B02 (2014)

ISO 12945-2 (2020)

Determination of the abrasion resistance - Martindale

Determination of the colour fastness to light

Determination of the resistance to pilling – Martindale

Sample id	Information given by the	Date of receipt
T2302435	client FABRIXX BOUCLÉ	31-01-2023

Gina Créelle
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.



Reference: T2302435 - FABRIX BOUCLÉ

Determination of the abrasion resistance - Martindale

Date of ending the test 14-02-2023
Standard used ISO 12947-2 (2016)

Deviation from the standard -
Conditioning 20°C, relative humidity 65%
Apparatus Martindale Wear and Abrasion Tester
Pressure on test specimen 12 kPa
Abradant Standard wool fabric
Type of the felt Woven felt
Approximate g/m² > 500
Number of test specimens 3

Test end point 2 yarns broken

Specimen	Number of rubs	Final result
#1	100 000	90 000
#2	100 000	90 000
#3	100 000	90 000
Minimum value	100 000	90 000



Reference: T2302435 - FABRIXX BOUCLÉ

Determination of the colour fastness to light

Date of ending the test	14-02-2023
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
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Reference: T2302435 - FABRIXX BOUCLÉ

Determination of the resistance to pilling – Martindale

Date of ending the test 08-02-2023
 Standard used ISO 12945-2 (2020)

Deviation from the standard -
 Conditioning 20°C, relative humidity 65%
 Apparatus Martindale Wear and Abrasion Tester
 Pressure on test specimen 6,5 cN/cm²
 Abradant Standard wool fabric
 Number of test specimens 3
 Number of assessors 2
 The final assessment is based on Pilling

	Test specimen 1	Test specimen 2	Test specimen 3	
Number of rounds	Result	Result	Result	Average
125	5	5	5	5
500	4-5	4-5	4-5	4-5
1000	4-5	4-5	4-5	4-5
2000	4-5	4-5	4-5	4-5
5000	4-5	4-5	4-5	4-5
7000	5	5	5	5

Fuzzing

	Test specimen 1	Test specimen 2	Test specimen 3	
Number of rounds	Result	Result	Result	Average
125	4-5	4-5	4-5	4-5
500	4-5	4-5	4-5	4-5
1000	4-5	4-5	4-5	4-5
2000	4-5	4-5	4-5	4-5
5000	4-5	4-5	4-5	4-5
7000	4-5	4-5	4-5	4-5



Matting

	Test specimen 1	Test specimen 2	Test specimen 3	
Number of rounds	Result	Result	Result	Average
125	5	5	5	5
500	4-5	4-5	4-5	4-5
1000	4-5	4-5	4-5	4-5
2000	4-5	4-5	4-5	4-5
5000	4-5	4-5	4-5	4-5
7000	4-5	4-5	4-5	4-5