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Your notice of	**Your reference**	**Date**
09-10-2019		18-10-2019

Analysis Report 19.05703.01

Required tests :
ISO 12947-2 (2016)   **Determination of the abrasion resistance - Martindale**
ISO 12945-2 (2000)   **Determination of the resistance to pilling - Martindale**

Identification number	Information given by the client	Date of receipt
T1921772	UNIFORM MELANGE	09-10-2019

Lies Alboort
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: **T1921772 - UNIFORM MELANGE**
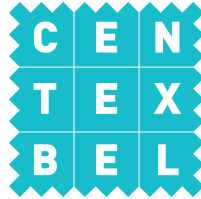
Determination of the abrasion resistance - Martindale

Date of ending the test   18-10-2019
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   Crossbred worsted spun, plain woven fabric
Type of the felt   Woven felt
Approximate g/m²   595
Number of test specimens   3

Test end point   Knitted - 1 loop completely damaged

Specimen	Number of cycles	Final result
#1	100 000	≥100000
#2	100 000	≥100000
#3	100 000	≥100000
Minimum value	100 000	≥ 100 000

Reference: **T1921772 - UNIFORM MELANGE**

Determination of the resistance to pilling - Martindale

Date of ending the test   14-10-2019
Standard used   ISO 12945-2 (2000)

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   Original material
Number of test specimens   3
Number of assessors   2

	Assessment at ... number of cycles			
	500	1000	2000	5000
#1	4-5	4-5	4-5	4-5
#2	4-5	4-5	4-5	4-5
#3	4-5	4-5	4-5	4-5

The final assessment is based on   Fuzzing