

Oniro bv
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Your notice of	Your reference	Date
29-04-2013	BE15/4500133522	03-06-2013

Analysis Report 13.02084.01

Required tests :

EN 530-2 (2010)
EN 20811 (1992)

Determination of the abrasion resistance on Martindale
Determination of the resistance to water penetration - Method of hydrostatic pressure

Identification number	Information given by the client	Date of receipt
T1306626	PUxx Nr. 1	29-04-2013

Filip Ghekiere

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.

VAT BE 0459.218.289

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Reference: T1306626 - PUxx Nr. 1

Determination of the abrasion resistance on Martindale

Date of ending the test 03-06-2013
Standard used EN 530-2 (2010)
Deviation from the standard -
Conditioning 20°C, relative humidity 65%
Apparatus Martindale Wear and Abrasion Tester
Used pressure (kPa) 9 kPa
Abradant Standard coton fabric (with PUR-mousse)
Number of test specimens 4

	Number of cycles to breakdown the specimen
#1	> 300 000
#2	> 300 000
#3	> 300 000
#4	> 300 000

Sample generated: T1306626_01d

Reference: T1306626_01d - PUxx Nr. 1

Determination of the resistance to water penetration - Method of hydrostatic pressure

Date of ending the test 31-05-2013

Standard used EN 20811 (1992)

Conditioning 20°C, relative humidity 65%

Deviation from the standard The test hasn't been carried out in the standard atmosphere but as soon as possible after conditioning

Apparatus Textest FX 3300

Assessment Penetrable at third spot

Number of test specimens 4

Water temperature 20 °C

Rate of pressure increase 60 mbar/min

Tested side Outer side

Test specimen	Water column
#1	≥ 1 000
#2	≥ 1 000
#3	≥ 1 000
#4	≥ 1 000
Average (mbar)	≥ 1 000 mbar
Average (Pa)	≥ 100 000 Pa

Sample history**T1306626_01d PUxx Nr. 1**

From sample T1306626 and the following procedure (PUxx Nr. 1)

Determination of the abrasion resistance on Martindale

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