

Artex bv
Postbus 298
5700 AG HELMOND
Netherlands

Your notice of
31-10-2024

Your reference
1D130482

Date
09-12-2024

Analysis Report 24.05872.01

Required tests :

EN ISO 13937-2 Ann. D (2000)

ISO 13934-1 (2013)

ASTM E1353-08a (2013)

Determination of tearing resistance - method with two legs

Determination of the breaking strength and elongation

section 1 : cover fabric test

Sample id	Information given by the client	Date of receipt
T2421791	TARO	31-10-2024

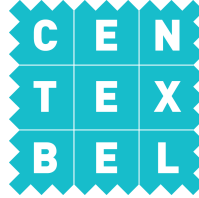
Joceleyne Coreelman
Order responsible

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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

T2421791
TARO





Reference: T2421791 - TARO

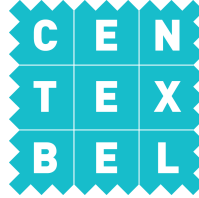
Determination of tearing resistance - method with two legs

Date of ending the test 28-11-2024
 Standard used EN ISO 13937-2 Ann. D (2000)
 Deviation from the standard -
 Conditioning 20°C, relative humidity 65%
 Apparatus Instron, type CRE, class 0,5
 Cell 1 kN
 Rate 100 mm/min
 Number of test specimens 5 (Warp direction)
 5 (Weft direction)
 Calculation Automatic - the first quarter of the diagram is removed,
 afterwards the average of all the peaks

Conditioned

	Tear resistance (N)	
	Warp direction	Weft direction
#1	918*	669*
#2	926*	552*
#3	1080*	685*
#4	854*	535*
#5	765*	536*
Average	910 N	600 N

For tests in warp direction, the weft yarns tear, for tests in weft direction, the warp yarns tear.
 Remark * = threads are pulled out instead of tearing



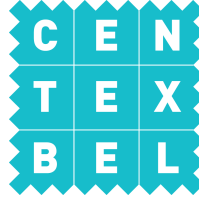
Reference: T2421791 - TARO

Determination of the breaking strength and elongation

Date of ending the test 25-11-2024
 Standard used ISO 13934-1 (2013)
 Deviation from the standard -
 Conditioning 20°C, relative humidity 65%
 Apparatus Instron, type CRE, class 0,5
 Cell 5 kN
 Pretension (automatically) 10 N
 Clamps sheeting Covered with rubber
 Rate 100 mm/min
 Number of test specimens 5 (Warp direction)
 5 (Weft direction)
 Gauge length 200 mm
 Width Fringed, 50 mm

Conditioned

Specimen	Warp direction		Weft direction	
	Force (N)	Elongation (%)	Force (N)	Elongation (%)
#1	1 539	45.8	672	29.0
#2	1 597	45.2	661	32.2
#3	1 676	47.4	641	31.3
#4	1 548	48.8	648	32.1
#5	1 647	47.9	706	31.7
Average	1 600 N	47.0 %	670 N	31.0 %



Reference: T2421791 - TARO

Section 1 : cover fabric test

Date of ending the test 20-11-2024
 Standard used ASTM E1353-08a (2013)
 Product standard California Technical Bulletin 117 (2013)
 Deviation from the standard -
 Conditioning 23°C, relative humidity 50%
 Filling T 30130 (Recticel) - non-fire retardant foam
 Cover Sheeting Material Composition 100 % cotton - laundered weight (125 ± 28) g/m²

	1	2	3
Open flaming	no	no	no
Smoulders more than 45 min.	no	no	no
Vertical char length > 45 mm	no	no	no

Test criteria

- no open flaming
- smouldering ≤ 45 minutes
- vertical char ≤ 45 mm

Requirements

- all specimens meet the test criteria → PASS
- two or more specimens fail the test criteria → FAIL
- one specimen fails the test criteria → 3 additional tests → PASS
- all specimens meet the test criteria

Conclusion Pass