
Report no. 16065

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REPORT 1 OF TEST NO. 16065

APPLICANT COMPANY

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Reception date: 11/11/2016

Material presented for the trial: Knitted fabric of red color.

Request: Determine the tensile strength of the tissue.

1 The results in this report refer to the products or materials indicated in paragraph of the material delivered for the test. The reproduction of this report must be complete and authoritative CRTTT - Escola teixits Canet

ESSAYS PERFORMED

1. Tensile strength

The test was carried out following the procedures indicated in the standards:

The test performed according to the standard:

UNE-EN ISO 13934-1: 2013 Determination of maximum strength and elongation at maximum strength by the strip method.

Preload: 0.5 N

Test speed: 100 mm / min

Initial length: 100 mm

Specimen name: 5

RESULTS (Page 4 of 5)

1. Tensile strength

The results are shown in the following table (page 4 of the pdf):

SENSE PASSED - SENSE COLUMNS

Force / Elongation - Force / Elongation

m = mean of the sample s = standard deviation

CV% = coefficient of variation in% IC95% = 95% confidence interval

CONCLUSIONS

The previous results allow to affirm that:

- The force is higher in columns sense.
- The elongation is higher in the past sense.
- Strength and elongation vary more in the columns sense than in the past.
- In the past direction the break is produced progressively, thread by thread, as seen in the graphs.

Canet de Mar, November 18, 2016

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