

**CREVIN, S.A.**  
LLOBREGAT, 21-P.STA.MARGARITA-  
08223 - TERRASSA  
BARCELONA

## TECHNICAL REPORT

Report Nº: **IN-00598/2015-E-5**  
Pages: 2

### PRESENTED SAMPLE

#### Sample description:

A sample of fabric to upholstery referenced as: **"ARTÍCULO: TONIC"**.

Presentation date: 05/09/13

### REQUESTED TESTS

Tests according to standard *UNE EN 14465:2004/A1:2007*: **"TEXTILE UPHOLSTERY FABRIC. Specification and method of test"**:

- **ABRASION RESISTANCE.**  
Standard *UNE EN ISO 12947-2:1999*.

Performance dates: from 05/09/13 to 16/09/13

*"This report is a partial copy and traslation of the report no. IN-01969/2013-4 issued by LEITAT on the 25 of September 2013"*.



**Textile Unit Coordinator**  
Yolanda Cabrejas



**Textile Technical Manager**  
Miquel Morera

Terrassa, March 09th, 2015.

## ABRASION RESISTANCE

### Standard UNE EN ISO 12947-2:1999

**Scope:** This test is intended to determine the abrasion resistance of fabrics by means of the Martindale method.

**Equipment used:** Abrasion tester Nu – Martindale.

**Conditioning of the specimens:** 24 hours to 20°C ± 2°C - 65 % ± 4 % h.r.

#### Test conditions:

Test atmosphere: 20°C ± 2°C - 65% ± 4% h.r.

Abrasive: Rubbing against a standard wool fabric (UNE EN ISO 12947-1)

Test pressure: 12 kPa (795 ± 7 g)

Final point:

- Valuation of the change of color to 3.000 cycles according to standard UNE-EN 14465:2004/ A1:2007 (Annex A) and UNE-EN ISO 105 – A02.

Number of specimens tested: 3

Previous treatment: Null

#### Results obtained:

Valuation of the change of color to 3.000 cycles according to standard UNE EN ISO 105-A02

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