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**TECHNICAL REPORT** 

 Report Nº:
 IN-00598/2015-E-4

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PRESENTED SAMPLE

Sample description:

A sample of fabric to upholstery referenced as: "ARTÍCULO: FUSION"

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":

 PILLING RESISTANCE Standard UNE EN ISO 12945-2:2001

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

"This report is a partial copy and traslation of the report no. IN-01969/2013-2 issued by LEITAT on the 25 of September 2013".

Textile Unit Coordinator Yolanda Cabrejas

Textile Technical Manager Miquel Morera

Terrassa, March 09th, 2015.

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Nº 18/LE 026

# PILLING RESISTANCE

### Standard UNE EN ISO 12945-2:2001

Scope: This test is intended to determine fabric propensity to surface fuzzing and to pilling.

**Conditioning of the specimens:** 24 hours to  $20^{\circ}C \pm 2^{\circ}C - 65 \% \pm 4 \%$  h.r.

**Equipment used:** Modified Nu – Martindale equipment.

### Test conditions:

| Test atmosphere: $20^{\circ}C \pm 2^{\circ}C - 65^{\circ} \pm 4^{\circ}$ h.r. |
|---|
| Type of abrasive: Rubbing against a standard wool fabric (UNE EN ISO 12947-1) |
| Load elements mass: 415 ± 2 g.  |
| Number of cycles: 2.000 – 7.000 (requested by the client.)                    |
| Number of specimens tested: 4   |
| Number of observers: 3  |
| Previous treatment: Null  |

#### **Results obtained:**

|                       | 2.000   | 7.000 |
|-----------------------|---------|-------|
| Pilling index         | 4-5     | 4-5   |
| Aspect of the surface | Fuzzing |       |

|   | Interpretation of index or pilling according to the standard<br>UNE EN ISO 12945/2:2001   |
|---|---|
| 1 | Thick fuzzing and/or pilling on the surface. Pills of several sizes and densities covering the surface of the<br>specimen completely. |
| 2 | Evident fuzzing and/or pilling on the surface. Pills of several sizes and densities covering the surface of the specimen largely.     |
| 3 | Moderated fuzzing and/or pilling on the surface. Pills of several sizes and densities covering the surface of the specimen partially. |
| 4 | Slight fuzzing and/or pilling on the surface  |
| 5 | No change.  |