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BARCELONA

TECHNICAL REPORT

Report Nº: **IN-00598/2015-E-6**
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"**:

- **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-01969/2013-4 issued by LEITAT on the 25 of September 2013".



Textile Unit Coordinator
Yolanda Cabrejas



Textile Technical Manager
Miquel Morera

Terrassa, March 09th, 2015.

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°C ± 2°C - 65 % ± 4 % h.r.

Equipment used: Modified Nu – Martindale equipment.

Test conditions:

Test atmosphere: 20°C ± 2°C - 65% ± 4% 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	5	4-5
Aspect of the surface	Fuzzing	

**Interpretation of index or pilling according to the standard
 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 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.