

TEST REPORT

2025AN0678

DATE OF RECEPTION

Date Format: dd/MM/yyyy 06/03/2025

DATE TESTS

Starting: 06/03/2025

Ending: 21/03/2025

APPLICANT

SAFECO
172, AVENUE DE L'EUROPE
FR-13760 SAINT CANNAT
Francia

Att. Ezzat Safadi

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2025AN0678-S01	Trianon	Fabric
2025AN0678-S02	Versailles	Fabric

TESTS CARRIED OUT

- DETERMINATION OF FABRIC PROPENSITY TO SURFACE PILLING, FUZZING OR MATTING.
- COLOUR FASTNESS TO ARTIFICIAL LIGHT.
- DETERMINATION OF THE ABRASION RESISTANCE OF FABRICS.

Tests marked with * are not included within the scope of the ENAC accreditation.





DESCRIPTION OF SAMPLES



Reference by AITEX: 2025AN0678-S01

Reference by customer:

Trianon

AITEX sample description:

Tejido



Reference by AITEX: 2025AN0678-S02

Reference by customer:

Versailles

AITEX sample description:

Tejido



RESULTS

DETERMINATION OF FABRIC PROPENSITY TO SURFACE PILLING, FUZZING OR MATTING

Standard

EN ISO 12945-2:2020

Apparatus

Martindale Abrasion Tester

Conditioning date

06/03/2025

Test date

12/03/2025

Type of fabric

Woven fabric

Atmosphere for conditioning and testing**Temperature** (20±2) °C**Relative humidity**

(65±4) %

N° of specimens 3**Number of observers** 3**Testing pressure** 415±2 g**Testing conditions**

SM-25 woollen standard fabric

Reference

2025AN0678-S01

Pilling degree

Cycles	Specimen 1	Specimen 2	Specimen 3	Average
500	5	5	5	5
1000	5	5	5	5
1000	5	5	5	5
2000	5	5	5	5

Fuzzing degree

Cycles	Specimen 1	Specimen 2	Specimen 3	Average
500	5	5	5	5
1000	5	5	5	5
1000	5	5	5	5
2000	5	5	5	5

Remark

Due to the kind of no felting tissue, value of matting has not been considered.

>>>



TABLE 1 - CLASSIFICATION SCHEME PILLING	
CLASS	DESCRIPTION
5	No change
4	Slight surface pilling. Partially formed pills
3	Moderate pillings: Pills of varying size and density partially covering the specimen surface
2	Distinct pilling: Pills of varying size and density covering a large proportion of the specimen
1	Severe pilling: Pills of varying size and density covering the whole of the specimen surface

TABLE 2 - CLASSIFICATION SCHEME FUZZING	
CLASS	DESCRIPTION
5	No change
4	Slight surface fuzzing
3	Moderate surface fuzzing
2	Distinct surface fuzzing
1	Dense surface fuzzing

REQUISITE ACCORDING TO STANDARD EN 14465:2003+A1:2006 FOR UPHOLSTERY FABRICS

Test	Unit	Level of Behavior
PILLING	Class	A: $\geq 4-5$, B: 4, C: 3-4, D: 3

LEVEL	A
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Reference by AITEX	Description	Reference by customer
2025AN0678-S01	Tejido	Trianon



RESULTS

DETERMINATION OF FABRIC PROPENSITY TO SURFACE PILLING, FUZZING OR MATTING

Standard

EN ISO 12945-2:2020

Apparatus

Martindale Abrasion Tester

Conditioning date

06/03/2025

Test date

12/03/2025

Type of fabric

Woven fabric

Atmosphere for conditioning and testing
Temperature (20±2) °C **Relative humidity** (65±4) %

N° of specimens 3 **Number of observers** 3

Testing pressure 415±2 g **Testing conditions** SM-25 woollen standard fabric

Reference

2025AN0678-S02

Pilling degree

Cycles	Specimen 1	Specimen 2	Specimen 3	Average
500	5	5	5	5
1000	5	5	5	5
2000	5	5	5	5
5000	5	5	5	5

Fuzzing degree

Cycles	Specimen 1	Specimen 2	Specimen 3	Average
500	5	5	5	5
1000	5	5	5	5
2000	5	5	5	5
5000	5	5	5	5

Remark

Due to the kind of no felting tissue, value of matting has not been considered.

>>>



TABLE 1 - CLASSIFICATION SCHEME PILLING	
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Test	Unit	Level of Behavior
PILLING	Class	A: $\geq 4-5$, B: 4, C: 3-4, D: 3

LEVEL	A
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Reference by AITEX	Description	Reference by customer
2025AN0678-S02	Tejido	Versailles



RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

EN ISO 105-B02:2014. Method 2

Apparatus

Xenotest 440 02423E06

Starting test date

07/03/2025

Ending test date

21/03/2025

Exposure conditions

Normal

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2025AN0678-S01	5
2025AN0678-S02	5

Remark

The fastness grade indicated comes up to:

- Depth change: More clear
- Hue change: No notes
- Brightness change: No notes

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**MEANING OF COLOUR VALUES FASTNESS TO ARTIFICIAL LIGHT**

VALUE	MEANING
8	EXCELLENT
7	VERY GOOD
6	GOOD
5	MODERATE
4	FAIR
3	POOR BEHAVIOUR
2	POOR BEHAVIOUR
1	VERY POOR

///

Reference by AITEX	Description	Reference by customer
2025AN0678-S01	Tejido	Trianon
2025AN0678-S02	Tejido	Versailles



RESULTS

DETERMINATION OF THE ABRASION RESISTANCE OF FABRICS

Standard

EN ISO 12947-2:1998/AC:2006

Apparatus

Martindale Abrasion Tester

Conditioning date

10/03/2025

Test date

17/03/2025

Atmosphere for conditioning and testing according accordance EN ISO 139:2005/A1:2011

Temperature (20±2) °C

Relative humidity

(65±5) %

Testing conditions

Foam and Rubbing against SM-25 abradant fabric

Testing pressure

12 kPa

Magnification device

10

Technical characteristics of the sample

Not indicated by the client

Observation or deviation from the Standard

Type of fabric

Woven fabrics

End point

Three broken threads

Valuation of the change of shade after 3000 cycles according to ISO 105-A02

5

Formation of little balls at end of test

Yes

Reference

2025AN0678-S01

Specimens	Cycles up to end point
1	40000
2	45000
3	40000

REQUISITE ACCORDING TO STANDARD EN 14465:2003/a1:2006 FOR UPHOLSTERY FABRICS

Individual result more low	40000
Level of behavior according to Standard EN 14465: 2003/A1:2006	A
Interval of Cycles with respect to the Level of Behavior obtained	≥35000

///

Reference by AITEX	Description	Reference by customer
2025AN0678-S01	Tejido	Trianon



RESULTS

DETERMINATION OF THE ABRASION RESISTANCE OF FABRICS

Standard

EN ISO 12947-2:1998/AC:2006

Apparatus

Martindale Abrasion Tester

Conditioning date

10/03/2025

Test date

17/03/2025

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Temperature (20±2) °C

Relative humidity

(65±5) %

Testing conditions

Foam and Rubbing against SM-25 abradant fabric

Testing pressure

12 kPa

Magnification device

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Technical characteristics of the sample

Not indicated by the client

Observation or deviation from the Standard

Type of fabric

Woven fabrics

End point

Three broken threads

Valuation of the change of shade after 3000 cycles according to ISO 105-A02

4-5

Formation of little balls at end of test

Yes

Reference

2025AN0678-S02

Specimens	Cycles up to end point
1	40000
2	40000
3	40000

REQUISITE ACCORDING TO STANDARD EN 14465:2003/a1:2006 FOR UPHOLSTERY FABRICS

Individual result more low	40000
Level of behavior according to Standard EN 14465: 2003/A1:2006	A
Interval of Cycles with respect to the Level of Behavior obtained	≥35000

///

Reference by AITEX	Description	Reference by customer
2025AN0678-S02	Tejido	Versailles



Isabel Soriano
Laboratories and International Offices Subdirector



Date: 21/03/2025 13:00:47

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

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