

MESSRS:
PUGI R.G. S.R.L.
VIALE MARCONI 50/15
59100 PRATO (PO)
ITALIA

REPORT NR. 1702803-001
REPORT DATE 27/07/2017
ACCEPTANCE DATE 21/07/2017
START TEST DATE 21/07/2017
END TEST DATE 27/07/2017
SAMPLING BY CUSTOMER

TEST REPORT

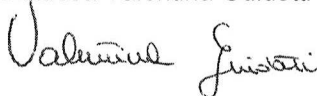
SAMPLE DESCRIPTION MIRAGE C 7000

THE REPORT IS MADE BY THE FOLLOWING TESTS:

TEST	METHOD	ACCREDIA
2028011 Abrasion resistance	UNI EN ISO 12947-1:2000 + UNI EN ISO 12947-2:2000	-
2032052 Determination of fabric propensity to surface fuzzing and to pilling - Martindale method C	UNI EN ISO 12945-2:2002	-

Technical Manager

Dott.ssa Valentina Guidotti



Managing Director

Patrizia Rosati



(*) = Test marked with asterisk are not accredited ACCREDIA.

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LANARTEX srl ; Via I Maggio,27 - 59013 Oste - Montemurlo (PO)
Tel +39 0574 071701 Fax +39 0574 899903 e mail : labo@lanartex.it - web : www.lanartex.it

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NOTES ANALYTICAL TESTS

• **2028011 Abrasion resistance**

UNI EN ISO 12947-1:2000 + UNI EN ISO 12947-2:2000

The specimens have been acclimatized in atmosphere to $20\pm 2^{\circ}\text{C}$ and $65\pm 4\%\text{RH}$ in compliance with norm UNI EN ISO 139; Instrument: Martindale; CT : it shows the number of cycles at which a change in the aspect is observed and evaluated on the Grey scale for change of tone.

Sample type: orthogonal fabric - Use furniture

End Point assessed by the failure of two elements (warps and / or wefts).

• **2032052 Determination of fabric propensity to surface fuzzing and to pilling - Martindale method C** **UNI EN ISO 12945-2:2002**

The specimens have been conditioned in atmosphere to $20\pm 2^{\circ}\text{C}$ and $65\pm 4\%\text{RH}$ in compliance with norm UNI EN ISO 139; Assessment with photographic standard and/or following scheme: 1 - Dense surface fuzzing and/or severe pilling. Pills of varying size and density covering the whole of the specimen surface; 2 - Distinct surface fuzzing and/or distinct pilling. Pills of varying size and density covering a large proportion of the specimen surface; 3 - Moderate surface fuzzing and/or moderate pilling. Pills of varying size and density partially covering the specimen surface; 4 - Slight surface fuzzing and/or partially formed pills; 5 - No changes.

Sample type: orthogonal fabric - Use furniture

Applied load: $415\pm 2\text{g}$

GENERAL NOTES

Unrepeatable tests to exhaustion test material.

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Tests	M.U.	Results	Method
2028011 Abrasion resistance			UNI EN ISO 12947-1:2000 + UNI EN ISO 12947-2:2000
Kind of item		ORTHOGOANAL FABRIC	
Applied load	kPa	12	
retreatment		NONE	
Pilling remove		NONE	
Number of specimens		3	
Change of Tone at End Point		3-4	
End Point - Specimen 1	Rubs	50000	
End Point - Specimen 2	Rubs	50000	
End Point - Specimen 3	Rubs	50000	
End Point - Media	Rubs	50000	
2032052 Determination of fabric propensity to surface fuzzing and to pilling - Martindale method C			UNI EN ISO 12945-2:2002
Characteristics assessed		FUZZING	
Number of specimens		3	
Pretreatment		NONE	
Abrading fabric		STANDARD WOOL	
Assessment at 500 rubs		4-5	
Assessment at 1.000 rubs		4-5	
Assessment at 2.000 rubs		4-5	
Assessment at 5.000 rubs		4-5	

----- **END OF REPORT** -----

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