

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

REPORT NR. 1602298-001
REPORT DATE 20/06/2016
ACCEPTANCE DATE 10/06/2016
START TEST DATE 10/06/2016
END TEST DATE 20/06/2016
SAMPLING BY CUSTOMER

TEST REPORT

SAMPLE DESCRIPTION: MIRAGE E 6000

TEST	M.U	RESULTS	EXPANDED UNCERTAINTY ¹
2028011 Determination of abrasion resistance B			
Method: UNI EN ISO 12947-1:2000 + UNI EN ISO 12947-2:2000			
Kind of item		ORTHOGONAL FABRIC	
Applied load	kPa	12	
Pretreatment		NONE	
Pilling remove		NONE	
Number of specimens		4	
Change of Tone at End Point		3-4	
End Point - Specimen 1		100000	
End Point - Specimen 2		100000	
End Point - Specimen 3		100000	
End Point - Specimen 4		100000	
End Point - Media		100000	

Sample type: orthogonal fabric - Use furniture
End Point assessed by the failure of two elements (warps and / or wefts).

The specimens have been acclimatized in atmosphere to 20±2°C and 65±4%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 colour change.

(*) = the tests marked with asterisk are not accredited by Accredia.

¹ U: the reported uncertainty is the extended uncertainty calculated using a coverage factor of 2 which gives a level of confidence approximatively of 95%.

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TEST	M.U.	RESULTS	EXPANDED UNCERTAINTY ¹
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**2032052 Determination of fabric propensity to surface fuzzing and to pilling -
Martindale method C**

Method: UNI EN ISO 12945-2:2002

Characteristics assessed	PILLING AND FUZZING
Number of specimens	3
Pretreatment	NONE
Abrading fabric	STANDARD WOOL
Assessment at 500 rubs	5
Assessment at 1.000 rubs	5
Assessment at 2.000 rubs	5
Assessment at 5.000 rubs	4-5

Sample type: orthogonal fabric - Use furniture
Applied load: 415±2g

The specimens have been conditioned in atmosphere to 20±2°C and 65±4%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; Number of observers: 2.

3015001 Colour change A

Method: UNI EN ISO 105 B02:2014

Colour change	4-5
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Apparatus: Xenotester; Method: 3; Test conditions: Normal; Evaluated for comparison with Grey Scale for colour change (ISO 105 A02) and Blue Scale according with 105 ISO B02 with values from 1 to 8. Flip-flop mode activated.

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2015041 Tensile strength - Strip method B

Method: UNI EN ISO 13934-1:2013

Warp - Test speed	mm/min	100	
Warp - Gauge length	mm	200	
Warp - Pretension	N	5	
Warp - Number of specimens		3	
Warp - Rejected specimens		0	
Warp - Average of breaking load	N	1900	
Warp - Average of breaking elongation	%	53,0	
Weft - Test speed	mm/min	100	
Weft - Gauge length	mm	200	
Weft - Pretension	N	5	
Weft - Number of specimens		3	
Weft - Rejected specimens		0	
Weft - Average of breaking load	N	1200	
Weft - Average of breaking elongation	%	48,0	

The specimens have been acclimatized in atmosphere to 20±2°C and 65±4%RH in compliance with norm UNI EN ISO 139; Apparatus: Dynamometer CRE Hounsfield; Calculations performed by software processing internal program management equipment.

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*Unrepeatable tests to exhaustion test material.
The specimens were sampled incorrectly to scarcity of material, the tests are therefore indicative.*

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END OF REPORT

Managing Director

Patrizia Rosati




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