301005

MODENA

GENERAL INFORMATION

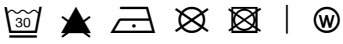
Composition	97% PES 3% LI
Weight	675 g/m² | 979 g/lm
	1.78 lb/yd² | 2.36 lb/yd
Width	145 cm | 57"
Min. usable width	138 cm | 54"
Average roll length	20 m | 22 yd
Tariff code*	**EU:** 54079300 | **USA:** 5407694060

*Opinion only. No binding rule assigned.

PRODUCT USAGE



CLEANING INSTRUCTIONS



Shrinkage 30° C	**WARP**	**WEFT**
	-1,60%	-1,70%

Maximum shrinkage: 3%

PATTERN INFORMATION

Direction		Railroaded
Repeat	**Horizontal**	N/A
	Vertical	N/A

PHYSICAL TESTING

Martindale abrasion EN ISO 12947-2: 1998 Minimum grade: 20000 rubs	**End point** 100000 rubs			
Wyzenbeek ASTM D4157-02 Minimum grade: 15000 rubs	**End point** 100000 rubs			
Pilling on Martindale EN ISO 12945-2: 2000 Minimum grade: 3/4(at 2000 rubs)	**500 rubs** 4	**1000 rubs** 4	**2000 rubs** 4	**5000 rubs** 4

Resistance to pilling, brush method ASTM D3511 Minimum grade: 3	**Grade** 3.5	
Seam slippage* EN ISO 13936-2 Minimum grade: 6 mm	**Warp** 3,00 mm	**Weft** 3,00 mm
Yarn slippage* ASTM S4034-19 Minimum grade: 25 lbf	**Warp** 69,60 lbf	**Weft** 32,10 lbf
Tear strength EN ISO 13937-3: 2000 Minimum grade: 20 N	**Warp** 470,00 N	**Weft** 610,00 N
Tear strength ASTM S2261-13 Minimum grade: 6 lbf	**Warp** 129.0 lbf	**Weft** 85.1 lbf
Tensile strength EN ISO 13934-1 Minimum grade: 350 N	**Warp** 3200,00 N	**Weft** 3500,00 N
Breaking strength ASTM D5034-21 (Grab) Minimum grade: 50 lbf	**Warp** 502,40 lbf	**Weft** 624,50 lbf

*For knitted fabrics, it is advised to focus on bursting and elongation. Seam slippage results are advisory only.

COLOUR TESTING

Colour fastness to light

EN ISO 105-B02

Minimum grade: 4

COLOUR	100	101	102	500	600	800	802	803	900	901	902	903
GRADE	6+	6+	6	6+	6+	6+	6+	6	6	6+	6+	6+

Colour fastness to rubbing

EN ISO 105-X12

Dry: 4

Wet: 3

COLOUR	100	101	102	500	600	800	802	803	900	901	902	903
DRY	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5
WET	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4

Remark: Results Shown are obtained on the first full batch of this article. Test results may vary from lot to lot. The minimum Guaranteed grade is mentioned below each standard.

STANDARD INHERENT FLAME RETARDANT

Cigarette test	**EN 1020/1**	Pass
	BS 5852/0	Pass
California technical	**CAL 117/2013**	Pass

CERTIFICATIONS

OEKO-TEX® Standard 100	Certified - Product Class II

REMARKS

Given the innovative process used to produce this fabric, minor variations in style and shade may occur from lot to lot.