



TECHNICAL SHEET

Article **175000**

Release 8 23/07/2021 17:26:15

Valid for one year from date of issue

DESCRIPTIONS

<i>Description</i>			100%WV SHIRT 200G FANCY
<i>Fineness description WV</i>	UNI EN ISO 18103		SUPER 120's
<i>Composition 1° layer</i>	Allegati Reg.(UE) 1007/2011 e succ.aggiornamenti		100%WV
<i>Average weight</i>	ISO 3801	g/m ²	133
<i>Average weight linear</i>		g/m	200
<i>Warp yarn/cm.</i>	UNI EN 1049/2	fili/cm	31,00
<i>Weft yarn/cm.</i>		fili/cm	26,10
<i>Yarn count warp</i>	UNI EN ISO 2060	Nm	2/085
<i>Yarn count weft</i>		Nm	1/047
<i>Average minimum usable width</i>	ISO 22198	cm	150
<i>Customs tariff</i>			51121100
<i>Average microns wool</i>		µm	17,50

CODES DESCRIPTION: WV Fleece Wool WO Wool PU Polyurethane PA Nylon PTFE Fluorofibre EA Elastane PP Polypropylene PLA Polylactic Acid SE Silk PL Polyester PBAT Polybutylene adipate terephthalate LY Lyocell LI Flax

MANUFACTURING FEATURES

Dyeing method WV Tops

CARE INSTRUCTIONS

Care instructions UNI EN ISO 3758      

Maintenance remarks Wash with mild detergent for wool fabric only

DIMENSIONAL STABILITY

<i>Steam ironing</i>	DIN 53894/2	%	warp	-1,5
		%	weft	-1,5
<i>Dry cleaning</i>	UNI EN ISO 3175/2	%	warp	-0,5
		%	weft	-0,5
<i>Machine washing (1x3N soap ECE drying C)</i>	UNI EN ISO 6330	%	warp	-3,0
		%	weft	-3,0



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MECHANICAL AND FISICAL FEATURES - average values

<i>Tensile strength</i>	UNI EN ISO 13934/1	N	warp	280
		N	weft	186
<i>Tear strength</i>	UNI EN ISO 13937/2	N	warp	10.5
		N	weft	8.2
<i>Seam slippage (6mm)</i>	UNI EN ISO 13936/1	N	warp	> 200
		N	weft	155 rottura
<i>Abrasion resistance (9kPa)</i>	UNI EN ISO 12947/2	giri	face	18000
<i>Pilling (2000 revolutions - without pretreatment)</i>	UNI EN ISO 12945/2	grado	face	5
<i>Creasing recovery</i>	ISO 9867	grado		3/4
<i>Elasticity</i>	UNI EN ISO 14704/1	%	max. warp	5.0
		%	max. weft	14.1
		%	remaining after 1' warp	0.3
		%	remaining after 1' weft	1.7
		%	remaining after 30' warp	0.1
		%	remaining after 30' weft	1.2

WEFT SKEWING AND SINUOSITY

<i>Weft skewing for designs with and without visible weft</i>	≤ 3%
<i>Sinuosity for designs with and without visible weft (1 m)</i>	≤ 2%

COLORIMETRY

<i>Color shading CMC 2:1 D65 Deg.10 (solids)</i>	DE	Tolerance ≤ 0,8
<i>Color matching on grey scale ISO 105-A02</i>	grado	Tolerance ≥ 4
<i>Color matching. CMC 2:1 D65 Deg.10 (solid)</i>	DE	Tolerance ≤ 1,0
<i>Color matching on grey scale ISO 105-A02</i>	grado	Tolerance ≥ 4



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COLOUR FASTNESS on SINGLE FIBER

<i>Dry cleaning</i>	<i>UNI EN ISO 105-D01</i>
<i>Washing machine 30°C * (method A1S)</i>	<i>UNI EN ISO 105-C06</i>
<i>Dry ironing 110°C</i>	<i>UNI EN ISO 105-X11</i>
<i>Wet ironing 110°C</i>	<i>UNI EN ISO 105-X11</i>
<i>Acid perspiration</i>	<i>UNI EN ISO 105-E04</i>
<i>Alkaline perspiration</i>	<i>UNI EN ISO 105-E04</i>
<i>Water</i>	<i>UNI EN ISO 105-E01</i>
<i>Dry rubbing</i>	<i>UNI EN ISO 105-X12</i>
<i>Wet rubbing</i>	<i>UNI EN ISO 105-X12</i>
<i>Light</i>	<i>UNI EN ISO 105-B02</i>

* Change to normative temperature at 30°C

Grade	Change in colour	Dark colours						
		WO	PC	PL	PA	CO	AC	SE
	4/5	4/5				4/5		
	4/5	4/5				4/5		
	4/5					5		
	4/5					5		
	4/5	4/5				4/5		
	4/5	4				4		
	4/5	4/5				4/5		
4/5								
3/4								
5								

Grade	Change in colour	Light and very light colours						
		WO	PC	PL	PA	CO	AC	SE
	4/5	5				4/5		
	4/5	5				5		
	4/5					5		
	4/5					5		
	4/5	5				4/5		
	4/5	5				4/5		
	4/5	5				5		
4/5								
4								
3/4								

CODES DESCRIPTION: WO Wool PC Acrylic PL Polyester PA Nylon CO Cotton AC Acetate SE Silk

CHEMICAL ANALYSIS

pH-value water extract UNI EN ISO 3071 4,0 ÷ 8,5

COMBUSTION

Assessment of combustion speed 16CFR parte 1610/2008 e successivi aggiornamenti Class 1

ECOTOXICOLOGICAL ANALYSIS

REACH regulation Reg.(UE) 1907/2006 e successivi aggiornamenti IN COMPLIANCE

STANDARD

National Standard of the People's Republic of China (requirements group B) GB 18401/2010 e successivi aggiornamenti IN COMPLIANCE



CERTIFICATIONS



Certified



Corporation

