



### TECHNICAL SHEET

### TEMPORARY

Article **5500**

Release 1 25/05/2021 17:34:05

Valid for one year from date of issue

#### DESCRIPTIONS

Description			100% WV SHIRT ROYAL
Fineness description WV	UNI EN ISO 18103		SUPER 120's
Composition 1° layer	Allegati Reg.(UE) 1007/2011 e succ.aggiornamenti		100%WV
Average weight	ISO 3801	g/m <sup>2</sup>	153
Average weight linear		g/m	230
Warp yarn/cm.	UNI EN 1049/2	fili/cm	34,60
Weft yarn/cm.		fili/cm	30,50
Yarn count warp	UNI EN ISO 2060	Nm	2/085
Yarn count weft		Nm	1/047
Average minimum usable width	ISO 22198	cm	≥ 150
Customs tariff			51121100
Average microns WV		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

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



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#### MECHANICAL AND FISICAL FEATURES - average values

Tensile strength	UNI EN ISO 13934/1	N	warp	328
		N	weft	214
Tear strength	UNI EN ISO 13937/2	N	warp	21.6
		N	weft	17.4
Seam slippage (6mm)	UNI EN ISO 13936/1	N	warp	> 200
		N	weft	151
Abrasion resistance (9kPa)	UNI EN ISO 12947/2	giri	face	4000
Pilling (2000 revolutions - without pretreatment)	UNI EN ISO 12945/2	grado	face	5
Creasing recovery	ISO 9867	grado		2/3

#### WEFT SKEWING AND SINUOSITY

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

#### COLORIMETRY

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

#### COLOUR FASTNESS on SINGLE FIBER

	UNI EN ISO	Dark colours							Light and very light colours										
		Grade	Change in colour	Cross staining							Grade	Change in colour	Cross staining						
				WO	PC	PL	PA	CO	AC	SE			WO	PC	PL	PA	CO	AC	SE
Dry cleaning	UNI EN ISO 105-D01		4/5	4/5			4/5				4/5	5			4/5				
Washing machine 30°C * (method A1S)	UNI EN ISO 105-C06		4/5	4/5			4/5				4/5	5			5				
Dry ironing 110°C	UNI EN ISO 105-X11		4/5				5				4/5				5				
Wet ironing 110°C	UNI EN ISO 105-X11		4/5				5				4/5				5				
Acid perspiration	UNI EN ISO 105-E04		4/5	4/5			4/5				4/5	5			4/5				
Alkaline perspiration	UNI EN ISO 105-E04		4/5	4			4				4/5	5			4/5				
Water	UNI EN ISO 105-E01		4/5	4/5			4/5				4/5	5			5				
Dry rubbing	UNI EN ISO 105-X12	4/5									4/5								
Wet rubbing	UNI EN ISO 105-X12	3/4									4								
Light	UNI EN ISO 105-B02	5									3/4								

\* Change to normative temperature at 30°C

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



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### 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

