



TECHNICAL SHEET

TEMPORARY

Article **5800**

Release 1 11/06/2021 16:45:42

Valid for one year from date of issue

DESCRIPTIONS

Article description			WV/EUCA SHIRT 185G SOLID
Composition 1° layer	Allegati Reg.(UE) 1007/2011 e succ.aggiornamenti		53%WV 47%LY
Average weight	ISO 3801	g/m ²	123
Average weight linear		g/m	185
Warp yarn/cm.	UNI EN 1049/2	fili/cm	27,20
Weft yarn/cm.		fili/cm	27,00
Yarn count warp	UNI EN ISO 2060	Nm	2/085
Yarn count weft		Nm	1/050
Average minimum usable width	ISO 22198	cm	≥ 150
Customs tariff			51122000
Average microns wool		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	-1,0
		%	weft	-1,0
Machine washing (1x3N soap ECE drying C)	UNI EN ISO 6330	%	warp	-3,0
		%	weft	-6,5



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MECHANICAL AND FISICAL FEATURES - average values

Tensile strength	UNI EN ISO 13934/1	N	warp	270
		N	weft	613
Tear strength	UNI EN ISO 13937/2	N	warp	9.5
		N	weft	19.9
Seam slippage (6mm)	UNI EN ISO 13936/1	N	warp	196 rottura
		N	weft	> 200
Abrasion resistance (9kPa)	UNI EN ISO 12947/2	giri	face	13000
Pilling (2000 revolutions - without pretreatment)	UNI EN ISO 12945/2	grado	face	5
Creasing recovery	ISO 9867	grado		3
Elasticity	UNI EN ISO 14704/1	%	max. warp	6.9
		%	max. weft	5.5
		%	remaining after 1' warp	0.0
		%	remaining after 1' weft	0.7
		%	remaining after 30' warp	0.0
		%	remaining after 30' weft	0.7

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	Toleranza ≤ 1,0
Color matching on grey scale ISO 105-A02	grado	Tolerance ≥ 4
Color matching. CMC 2:1 D65 Deg.10 (solid)	DE	Tolerance ≤ 1,7
Color matching on grey scale ISO 105-A02	grado	Tolerance ≥ 3/4



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COLOUR FASTNESS on SINGLE FIBER

Dry cleaning *UNI EN ISO 105-D01*
 Washing machine 30°C * (method A1S) *UNI EN ISO 105-C06*
 Dry ironing 110°C *UNI EN ISO 105-X11*
 Wet ironing 110°C *UNI EN ISO 105-X11*
 Acid perspiration *UNI EN ISO 105-E04*
 Alkaline perspiration *UNI EN ISO 105-E04*
 Water *UNI EN ISO 105-E01*
 Dry rubbing *UNI EN ISO 105-X12*
 Wet rubbing *UNI EN ISO 105-X12*
 Light *UNI EN ISO 105-B02*
 * Change to normative temperature at 30°C

Grade	Change in colour	Dark colours						
		Cross staining						
		WO	PC	PL	PA	CO	AC	SE
	4/5	4/5				4/5		
	4/5	4/5				4/5		
	4/5					4		
	4/5					3/4		
	4/5	4/5				4/5		
	4/5	4/5				4		
	4/5	4/5				4/5		
4/5								
2/3								
4/5								

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

