

4.2 Woven

Blouses, shirts, tops, dresses and suits

Yarn & Fibre properties			Requirements
ISO 1833 (1977) / BS 4407	Fabric composition	M	100%: no tolerance Blend: +/- 3%
ISO 2060 ISO 7211-5 (1984) meth A	Yarn Count	M	+/- 5%
ISO 7211-2 (1984)	Fabric construction/ Threads per inch	M	+/- 5%
Compulsory tests			
ISO 6330 ISO 5077 (2007)	Dimensional stability to washing	M	1% max. (formal shirt) 2% max. (Tops, blouse, suits) 3% max (Viscose, silk, flannel and cotton)
ISO 12945-2 (2000)	Pilling resistance/ Martindale	M	3-4
Colour fastness			
Change: ISO 105 A02 ISO 105-C08 (2002) Staining: ISO 105 A03 ISO 105-C08 (2002)	Colour fastness to washing	M	Colour change: 4 Staining: 4 Staining contrast trims: 4-5
ISO 105 - X12 (2002)	Colour fastness to rubbing	M	Dry: 4 Wet: 3-4 Prints and fade-out fabrics Dry: 3-4 Wet: 2-3
Tests on demand			
ISO 105 - E04 (2002)	Colour fastness to perspiration	O	Colour change: 3-4 Staining: 3-4 Contrast colours garments: Staining: 4-5
ISO 105 - D01 (2010)	Colour fastness to dry-cleaning	O	Colour change: 4 Staining: 4
ISO 105 – E01 (2002)/ BS 1006 E01	Colour fastness to water	O	Colour change: 4 Staining: 4
ISO 105 B02 (2002)/ BS 1006 B02	Colour fastness to light	O	Grey scale: 4 BSW: 4
Mechanical & Physical properties			
ASTM D 1230-10 (2016)e1	Flammability	O	< 88 gram/m ²
ISO 2960 (1974) / BS 4768 ISO 13938-1 (1999)	Bursting strength	O	> 200 gr/m ² 280 kPa < 200 gr/m ² 245 kPa
ISO 13936-2 (2004)	Seam slippage	O	7 kg. (S.O. 6 mm)
ISO 13934-2 (1999)	Tensile strength	O	> 200 gr/m ² 120N < 200 gr/m ² 100N
ISO 13935-2 (1999)	Seam strength	O	> 200 gr/m ² 100N < 200 gr/m ² 80N
ISO 13937-1 (2000) Elmendorf	Tear strength	O	8N

M= Mandatory / O= Optional (only on request of Wehkamp)