

4.6 Sportswear

Yarn & Fibre properties			Requirements:
ISO 1833 (1977) / BS 4407	Fabric composition	M	100%: no tolerance Blend: +/- 3%
ISO 2060	Yarn Count	M	+/- 5%
ISO 3801(1977)	Fabric Weight	M	+/- 5% Attention: weight of pullovers in lbs./dz.
Compulsory tests			
ISO 6330 ISO 5077 (2007)	Dimensional stability to washing	M	5% max.(knitted) 3% max. (woven)
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
ISO 105 - E04 (2002)	Colour fastness to perspiration	M	Colour change: 3-4 Staining: 3-4 Contrast colours garments: Staining: 4-5
ISO 105 – E01 (2002)/ BS 1006 E01	Colour fastness to water	M	Colour change: 4 Staining: 4
Tests on demand			
ISO 105 - D01 (2010)	Colour fastness to dry-cleaning	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 3512 / BS 5811	Pilling resistance	O	3-4
ASTM D 1230-10 (2016)e1	Flammability	O	< 88 gr/m2
ISO 2960 (1974) / BS 4768 ISO 13938-1 (1999)	Bursting strength	O	> 200 gr/m2 350 kPa < 200 gr/m2 300 kPa
ISO 13936-2 (2004)	Seam slippage	O	12 kg. (S.O. 6 mm)
ISO 13934-2 (1999)	Tensile strength	O	30 kg.
ISO 13935-2 (1999)	Seam strength	O	17 kg.
ISO13937-1 (2000) Elmendorf	Tear strength	O	1.5 kg.
ISO 29865 (1993) (Bundesmann)	Water repellency/ Surface wetting	O	Rain resistant: 0-10 cc penetration

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