

4.7 Swimwear

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%
Compulsory tests			
ISO 6330 ISO 5077 (2007)	Dimensional stability to washing	M	5% max.(knitted)
Colour fastness			
ISO 105 – E01 (2002)/ BS 1006 E01	Colour fastness to water	M	Colour change: 3-4 Staining: 3-4
ISO 105 B02 (2002)/ BS 1006 B02	Colour fastness to light	M	Grey scale: 5 BSW: 5
ISO 105 E02 (2010) / BS 1006 E02	Colour fastness to sea-water	M	Colour change: 4 Staining: 4
ISO 105 E03 (2010) / BS 1006 E03	Colour fastness to chlorinated water	M	Colour change: 4 Staining: 4
Tests on demand			
Change: ISO 105 A02 ISO 105-C08 (2002) Staining: ISO 105 A03 ISO 105-C08 (2002)	Colour fastness to washing	O	Colour change: 4 Staining:4 Staining contrast trims: 4-5
ISO 105 - E04 (2002)	Colour fastness to perspiration	O	Colour change: 4 Staining: 3-4 Contrast colours garments: Staining: 4-5
ISO 105 - X12 (2002)	Colour fastness to rubbing	O	Dry: 4 Wet: 3-4 Prints and fade-out fabrics Dry: 3-4 Wet: 2-3
Mechanical & Physical properties			
ASTM D 1230-10 (2016)e1	Flammability	O	< 88grm2
ISO 2960 (1974) / BS 4768	Bursting strength	O	345 kPa

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