

Quality Assurance Manual (Products)
Product Category Work Wear (WWS)
Supporting Material 2.1_3.1

Minimum values for fabrics that contain more than 50 % PES.

	➤ 50 % PES	
	< 190 g/m ²	≥ 190 g/m ²
fibre content ISO 1833:1977	max +/- 3.0 %	max +/- 3.0 %
finished weight ISO 3801:1977	max +/- 5.0 %	max +/- 5.0 %
yarn count ISO 2060:1994	as notified	as notified
dimensional stability after wash ISO 5077:2007 (after 5 washes)		
warp	max +/- 3.0 %	max +/- 3.0 %
weft	max +/- 3.0 %	max +/- 3.0 %
pilling ISO 12945-2:2000 (5000 rev.)	Grade 3 - 4	grade 3 - 4
tensile strength ISO 13934-1:1999 (strip method)		
warp	500 N	700 N
weft	400 N	500 N
tear strength EN ISO 13937-2		
warp	22 N	30 N
weft	18 N	25 N
colour fastness to rubbing ISO 105-X12:2002		
dry rubbing	grade 4.0	grade 4.0
wet rubbing	grade 3.0	grade 3.0
colour fastness to laundering ISO 105-C06:1994 (E2S Multi fibre)		
staining cotton and PES	grade 4.0	grade 4.0
colour change	grade 4.0	grade 4.0
colour fidelity of textiles ISO 105-A02:1993		
grey scale	grade 4.0	grade 4.0
CIELAB	grade 1.7	grade 1.7