

## Constructional data

property name + additional info	value	unit
Yarn density, DIN EN 1049-2 - warp/weft	105/105	Yarn count/dm
Yarn count, DIN EN ISO 2060	1670	dtex
Total weight, DIN EN ISO 2286-1	1050	g/m <sup>2</sup>
Tensile strength, DIN EN ISO 1421 V1 - warp/weft	6000/5500	N/5cm
Tear strength, DIN 53363 - warp/weft	900/800	N
Stress/strain behaviour, CEN TC 248 WG 4 Draft - warp/weft	5/10	27kN/m in %
Adhesion, internal testing method	25	N/cm
Cold resistance, DIN EN 1876-1	-40	°C
Heat resistance, internal testing method	+70	°C
Light fastness, DIN EN ISO 105 B02	>6	Grade
Crack resistance, DIN 53359 A	100.000 no cracks	Visual assessment
Thermal transmittance, DIN EN ISO 6946 - vertical/horizontal	5,7/4,8	W/m <sup>2</sup> K
Light transmittance, DIN EN 410 - solar spectral range	6	%
Light reflection, DIN EN 410 - solar spectral range	82	%
Light absorption, DIN EN 410 - solar spectral range	12	%