

Constructional data

property name + additional info	value	unit
Yarn density, /DIN EN 1049-2/ - warp/weft	155/145	Yarn count/dm
Yarn count, /DIN EN ISO 2060/	2200	dtex
Total weight, /DIN EN ISO 2286-1/	1550	g/m ²
Tensile strength, /DIN EN ISO 1421 V1/ - warp/weft	10000/9000	N/5cm
Tear strength, /DIN 53363/ - warp/weft	2000/2000	N
Stress/strain behaviour, /CEN TC 248 WG 4/ Draft - warp/weft	5/10	44kN/m in %
Adhesion, internal testing method	30	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	5,6/4,8	W/m ² K
Light transmittance, /DIN EN 410/ - solar spectral range	3	%
Light reflection, /DIN EN 410/ - solar spectral range	84	%
Light absorption, /DIN EN 410/ - solar spectral range	13	%