25.10.2019

Technical Data Sheet

Carbon fabric 240 g/m² (twill weave 2/2)

Technical Data Fibre in warp and weft	Standard	Unit	Specified fibre	+/-	Tolerance %
Density	ISO 10119	g/cm³	1.79	+/-	1
Linear Density (lot mean value)	ISO 1889	tex	200	+/-	3
Filament diameter	DIN 53811	µm	7	+/-	0.5
Sizing (specified during qualification)	ISO 10548	%	1.3	+/-	7
Tensile strength (lot mean value)	ISO 10618	MPa	3500 min.		-
Tensile modulus (lot mean value)	ISO 10618	GPa	240	+/-	2

Technical Data Fabric	Standard	Unit	Target	+/-	Tolerance %
Weight	Ts En 12127	g/m²	240	+/-	5
Setting Warp	Ts 250 En 1049-2	thr./cm	6.0	+/-	5
Setting Weft	Ts 250 En 1049-2	thr./cm	6.0	+/-	5
Thickness (loomstate fabric)[1]	Ts 3426 ISO 4603	mm	0.25	+/-	10
Width	Ts 3427 ISO 5025	mm	as ordered	+/-	2.5

[1] approximate value, not for release

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