



WOVEN FABRIC TECHNICAL DATA SHEET

Product Reference: GGCu 300 T - Red

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	g/m ²	300	± 5%	ISO 4605
Weave		2/2 Twill		ISO 2113
Standard Width	mm	1000/1200	± 2,5%	ISO 22198
Laminate Thickness	mm	0,305	± 2,5%	ISO 5084(**)
Other information		Loomstate		

Nominal Construction		Warp		Weft	
Fibre Description		Carbon Fibre 3K		62% Red Copper Wire 38% Carbon Fibre 3K	
Thread Count	ends/cm	7,00	ISO 4602	9,00	ISO 4602
Weight Distribution	g/m ²	Grafil TR30 – S – 3K 200 tex	140	CU/Ag5 wire – 0,15	96
	%		100%		62%
	g/m ²			Grafil TR30 – S – 3K 200 tex	60
	%				38%
Weight Rate	%	47%		53%	
Selvedges		Weaving style	Leno	Type of Fibre	HM polyester 22 tex

Mechanical Properties of Fibre	Strength (Nominal)	Modulus (Nominal)
Mitsubishi Grafil TR30-S 200 tex	3530 Mpa	230 GPa

(**) Theoretical thickness for an epoxy laminate with 40% of reinforcement in volume.

Note: Technical information furnished is based on laboratory findings and believed to be correct. No warranties of any kind are made except that the materials supplied are of standard quality. All risk and liabilities arising from handling, storage and use of products, as well as compliance with applicable legal restrictions, rests with the user.