



Innovative Tex

High Tech fiber & Metal wires
Hybrid Fabrics

TEXTILE DATA SHEET

G. Angeloni
REFERENCE

GGCu 300 T - Green

CHARACTERISTICS		Nominal	Tolerance	Normative
Mass per unit area	g/m ²	300	± 5%	ISO 4605
Weave		2x2 Twill		ISO 2113
Width	mm	1000/1200	± 2,5%	ISO 22198
Thickness	mm	0,305	± 2,5%	ISO 5084(**)
Other informations		<i>Loomstate</i>		

Nominal Construction		WARP		WEFT	
Fiber Description		HR Carbon Fiber Grafil TR30 - S - 3K 200 tex		Textile Green colored wire CU/Ag5 wire - 0,15 Grafil TR30 - S - 3K 200 tex	
Fiber Producer		Mitsubishi Grafil		Mitsubishi Grafil	
Thread Count	ends/cm	7,00	ISO 4602	9,00	ISO 4602
Weight Distribution	g/m ²	Grafil TR30 - S -	140	CU/Ag5 wire -	96
	%	3K 200 tex	100%	0,15	62%
	g/m ²			Grafil TR30 - S -	60
	%			3K 200 tex	38%
Weight Rate	%	47%		53%	
Selvages		Weaving style	LENO	Type of Fiber	HM polyester 22 tex

Mechanical Properties of Fiber	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.

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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.

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