



Balanced Carbon Fabric

WOVEN FABRIC DATA SHEET

G. Angeloni
REFERENCE

GG 200 T

CHARACTERISTICS		Nominal	Tolerance	Normative
Mass per unit area	g/m ²	192	± 5%	ISO 4605
Weave		2X2 Twill		ISO 2113
Width	mm	1000/1200	± 2,5%	ISO 22198
Thickness	mm	0,20	± 2,5%	ISO 5084(**)
Other informations		<i>Loomstate</i>		

Nominal Construction		WARP		WEFT	
Fiber Description		HR Carbon Fiber A-38 3K 200 tex		HR Carbon Fiber A-38 3K 200 tex	
Fiber Producer		DOW-AKSA		DOW-AKSA	
Thread Count	ends/cm	4,8	ISO 4602	4,8	ISO 4602
Weight Distribution	g/m ²	3K Carbon	96	3K Carbon	96
	%		50%		50%
Selvages		Weaving style	LENO	Type of Fiber	HM polyester 22 tex

Mechanical Properties of Fiber	Strength (nominal)	Modulus (nominal)
DOW-AKSA type A-38	3800 Mpa	240 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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