

TECHNICAL DATA SHEET

WOVEN FABRIC GG-240 T WF1

Product Description: **240 gm2 3K 2X2 Twill Weave Carbon Fabric**

CHARACTERISTICS	NOMINAL	UM	TOLERANCE	NORMATIVE
Mass unit per area	246	g/m ²	5,0%	ISO 3374
Weave	2X2 Twill			ISO 2113
Width	from 1000 to 1800	mm	2,5%	ISO 22198
Thickness	0,23	mm	5,0%	ISO 5084 (**)
Other informations				

NOMINAL CONSTRUCTION	WARP		WEFT	
1st fiber description	3K CARBON FIBER		3K CARBON FIBER	
1st fiber producer				
2nd fiber description				
2nd fiber producer				
Thread count - 1st fiber	6,00 ends/cm ±2%	ISO 4602	6,00 ends/cm ±2%	ISO 4602
Thread count - 2nd fiber				
Weight distribution - 1st fiber	120 g/m ²	48,8%	120 g/m ²	48,8%
Weight distribution - 2st fiber				
Weight distribution	48,8%		48,8%	
Selvadges	Weaving style	LENO	Type of fiber	HM polyester 22 tex
#NOME?	2,4%			

MECHANICAL PROPERTIES OF FIBER	STRENGHT (nominal)	MODULUS (nominal)
3K CARBON FIBER	>3530 MPa	>230 GPa

FIXATION PROPERTIES			
Type:	Copolyamide	Melting Range:	120-130 °C
Mass per unit area:	6 g/m ²	Heat Resistance:	105 °C

(**) 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.

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