



WOVEN FABRIC

Technical Data Sheet

Carbon Fabric

Product Code:

GG-240 T

CHARACTERISTICS	Nominal	UM	Tolerance	Normative
Mass per unit area	240	g/m ²	± 5%	ISO 4605
Weave	<i>2X2 Twill</i>			ISO 2113
Width	1000/1200	mm	± 2,5%	ISO 22198
Thickness	0,24	mm	± 2,5%	ISO 5084(**)
Other informations	<i>Loomstate</i>			

Nominal Construction	WARP		WEFT	
Fiber Description	HS Carbon Fiber HHH 4045 - 3K		HS Carbon Fiber HHH 4045 - 3K	
Fiber Producer	TOHO TENAX		TOHO TENAX	
Thread Count	5,0 ends/cm	ISO 4602	5,0 ends/cm	ISO 4602
Weight Distribution	100 g/m ²	50%	100 g/m ²	50%
Selvadges	Weaving style	LENO	Type of Fiber	HM polyester 22 tex

Mechanical Properties of Fiber	Strength (nominal)		Modulus (nominal)	
HHH 4045 - 3K (TOHO TENAX)	3950	MPa	240	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.

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