



WOVEN FABRIC

Technical Data Sheet

Carbon Fabric

Product Code: **GG-400 P**

CHARACTERISTICS	Nominal	UM	Tolerance	Normative
Mass per unit area	400	g/m ²	± 5,0%	ISO 3374
Weave	<i>Plain</i>			ISO 2113
Width	1000	mm	± 2,5%	ISO 22198
Thickness		mm	± 5,0%	ISO 5084(**)
Other informations	<i>Loomstate</i>			

Nominal Construction	WARP		WEFT	
Fiber Description	HS Carbon Fiber TC-36P - 12K		HS Carbon Fiber TC-36P - 12K	
Fiber Producer	FORMOSA TAIRYFIL		FORMOSA TAIRYFIL	
Thread Count	2,50 ends/cm	ISO 4602 ± 2%	2,50 ends/cm	ISO 4602 ± 2%
Weight Distribution	200 g/m ²	50%	200 g/m ²	50%
Selvages	Weaving style	LENO	Type of Fiber	HM polyester 22 tex

Mechanical Properties of Fiber	Strength (Nominal)	Modulus (Nominal)
TC-36P - 12K (FORMOSA TAIRYFIL)	4900 Mpa	250 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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