

Ref.:

Carbon fabric GG 280 P

Mass per unit area (g/m ²)	280 ±5%	ISO 4605
Weave	plain	ISO 2113
Standard width (mm)	1000 ±2,5%	
Laminate thickness (mm)	0,28 ±2,5%	(**)
Other information	Loomstate	

(**) Theoretical thickness for an epoxy laminate with 40% of reinforcement in volume.

Nominal construction		WARP		WEFT	
Fibre description		HR carbon fiber 6K - 400 tex		HR carbon fiber 6K - 400 tex	
Thread Count	ends/cm.	3.5	ISO 4602	3.5	ISO 4602
Weight distribution	gr/sqm.	140		140	
	%	6K carbon fibre: 50 %		6K carbon fibre: 50 %	

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 risks 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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PYROFIL™ TR50S 6K

Typical Fiber Properties

Tow Tensile	Strength	711 4,900	ksi MPa	ASTM D4018
	Modulus	34 235	msi GPa	
Typical Density		0.066 1.82	lb.in ³ g/cm ³	ASTM D4018
Typical Yield	6K	1,240 400	yds/lb mg/m	ASTM D4018

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ISO 9001:2008
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03/2010

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