

GRAPHLITE™ CARBON ROD SPECIFICATIONS AND PRICING

GRAPHLITE™ CARBON ROD PROPERTIES		
Tensile Strength	325,000 psi	2240 mpa
Tensile Modulus	21.0 msi	142 gpa
Compressive Strength	270,000 psi	1896 mpa
Compressive Modulus	20.5 msi	141 gpa
Ultimate Tensile Strain	1.40%	
Fiber Volume	67% (+/- 1%)	
Diameter Tolerance	+/- 5%	
Glass Transition Temp	212 deg F	100 deg C
Matrix Material	BIS F Epoxy	

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SOLID RECTANGLES (MCF)						
ITEM SIZE	C/S AREA	WEIGHT	Price per Lineal Foot (US \$)			
inch (mm)	sq. inch (sq. mm)	lbs /1000 ft (gm/m)	>100 ft	>200 ft	>500 ft	>1000 ft
0.06 x 0.166 (1.53 x 4.32)	0.0102 (6.6096)	6.7 (9.9)	\$1.70	\$1.52	\$1.44	\$1.39

SOLID ROUNDS (MCR)						
ITEM SIZE	C/S AREA	WEIGHT	Price per Lineal Foot (US \$)			
inch (mm)	sq. inch (sq. mm)	lbs /1000 ft (gm/m)	>100 ft	>200 ft	>500 ft	>1000 ft
0.078 (1.98)	0.0048 (3.0791)	3.15 (4.7)	\$1.31	\$1.17	\$1.11	\$1.07
0.098 (2.49)	0.0075 (4.8696)	4.98 (7.4)	\$1.56	\$1.40	\$1.32	\$1.28