



THE GUND COMPANY

Manufacturers & fabricators of engineered material solutions

Reference:	N180 High Strength Rod			
Description:	N180 is a high tensile and shear strength glass fiber reinforced composite rod that offers excellent temperature resistance up to 350F. N180 rod is excellent for pinning mule shoe and other frac plug components where extra reinforcement is required.			
Availability:	Material Format:	Rod	English Units [ft] Standard Length: 10 ft	SI Units [m] 3.05
		Bundle Quantity	400 ft	122
	Fabricated Parts:	The Gund Company custom fabricates materials to the exact specifications and drawings of our customers.		

Key Characteristics:	Test Method	Units - English	Typical Values
Standard Color			Black
Density	ASTM D-792	lb/in ³	0.069
Water Absorption	ASTM D-570	%	0.15
Compressive Strength (Axial)	ASTM D-695	psi	60,000
Compressive Strength (Transverse)	ASTM D-695	psi	15,000
Tensile Strength	ASTM D-638	psi	80,000
Pin Shear Strength	ASTM D7617	psi	30,000
Glass Transition Temperature, Tg	DMA	F	356