



THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

N180 High Strength Rod

Item:	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:			English Units (ft)
	Material Format:	Rod:	Standard Length: 10
		Bundle Quantity:	400
	Fabricated Parts:	The Gund Company custom fabricates insulation materials to the exact specifications and drawings specified by our customers.	
			SI Units (m)
			3.05
			122

Key Characteristics	Test Method	Units - English	Typical Values
Standard Color	--	--	Black
Density	ASTM D792	lb/in ³	0.069
Water Absorption	ASTM D570	%	0.15
Compressive Strength (Axial)	ASTM D695	psi	60,000
Compressive Strength (Transverse)	ASTM D695	psi	15,000
Tensile Strength	ASTM D638	psi	80,000
Pin Shear Strength	ASTM D7617	psi	30,000
Glass Transition Temperature, Tg	DMA	F	356

AS9100 Certified QMS | ISO9001 Certified QMS | RoHS Compliant | ITAR Compliant

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