



THE GUND COMPANY

Manufacturers & fabricators of engineered material solutions

Item:	G-FRAC™ G160 Molded Components	
Description:	<p>G-FRAC™ G160 is a high temperature glass reinforced molding compound designed for downhole applications where components are under moderate loading and stress.</p> <p>G-FRAC™ G160 provides a lower cost option for components with moderate overall mechanical stress in the frac plug system.</p>	
	Molded Parts:	The Gund Company custom molds composite frac plug components to the exact specification and drawings of our customers.

Key Characteristics	Test Method	Units - English (SI)	G-FRAC™ G160 BMC Typical Values	G-FRAC™ G160 SMC Typical Values
Standard Color*	--	--	Black*	Black*
Glass Content	--	%	50%	50%
Density	--	lb/in ³ (g/cc)	0.066 (1.83)	0.066 (1.83)
Water Absorption (0.125")	ASTM D-570	%	0.25	0.25
Tensile Strength	ASTM D-638	psi (MPa)	6,000 (41)	27,000 (186)
Compressive Strength, Flat-Wise	ASTM D-695	psi (MPa)	16,000 (110)	20,000 (138)
Flexural Strength	ASTM D-790	psi (MPa)	27,000 (186)	40,000 (276)
IZOD Impact Strength, Edge-Wise	ASTM D-256	ft-lbs/in	13	14
Shear Strength	ASTM D-732	psi (MPa)	12,000 (83)	18,000 (124)
Glass Transition Temperature	DMA Method	°F (°C)	320°F (160°C)	320°F (160°C)

* Custom colors available upon request

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