



THE GUND COMPANY

Manufacturers & fabricators of engineered material solutions

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| 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 |
|---------------------------------|-------------|---------------------------|--|
| Standard Color* | -- | -- | Black* |
| Glass Content | -- | % | 50% |
| Density | -- | lb/in ³ (g/cc) | 0.066 (1.83) |
| Water Absorption (0.125") | ASTM D-570 | % | 0.25 |
| Tensile Strength | ASTM D-638 | psi (MPa) | 8,000 (55) |
| Compressive Strength, Flat-Wise | ASTM D-695 | psi (MPa) | 25,000 (172) |
| Flexural Strength | ASTM D-790 | psi (MPa) | 28,000 (193) |
| IZOD Impact Strength, Edge-Wise | ASTM D-256 | ft-lbs/in | 10 |
| Shear Strength | ASTM D-732 | psi (MPa) | 4,000 (28) |
| Glass Transition Temperature | DMA Method | °F (°C) | 320°F (160 °C) |

* Custom colors available upon request

All of the information, suggestions and recommendations pertaining to the properties and uses of the products herein are based upon tests and data believed to be accurate; however, the final determination regarding suitability of any material described herein for the use contemplated, the manner of such use, and whether the use infringes any patents is the sole responsibility of the user. There is no warranty, expressed or implied, including, without limitation warranty of merchantability or fitness for a particular purpose. Under no circumstances shall we be liable for incidental or consequential loss or damage.