



Custom Castings Northeast, Inc.

267 Pinetop Road, Bigler, PA 16825 814-857-1766 or 814-857-1768 (fax)

Material Characteristics- GRG

1. Shell thickness	3/16" (field area) 1/2" (attachment points)
2. Flexural Strength	3,600 lb/sq inch (ASTM C947)
3. Impact Strength	13 lb/sq inch (ASTM D256-87)
4. Compressive Strength	10,000 lb/sq inch (ASTM C109-87)
5. Barcol hardness or Rockwell hardness	84 (ASTM D2583-87) 95 (ASTM D785)
6. Density	103-110 lbs/cubic feet
7. Flammability	0 Flame spread (ASTM E84) 0 Smoke spread (ASTM E84) Class 1 (ASTM E84)
8. Weight	1.5 lbs per square feet Subject to increase with reinforcement
9. Humidified deflection	1/16" (ASTM C473)
10. Thermal Expansion	1.17 X 10/F (ASTM D696) 2.11 x 10/C (ASTM D696)