

THE GUND COMPANY

Manufacturers & fabricators of engineered material solutions

| Item: | F2016 Epoxy fiberglass filament wound general purpose tubing | | |
|---------------|--|---|--|
| Description: | Tubes are wound from epoxy resin impregnated glass filament typically of 450 yards or 675 yards per lb, final weight of Glass to Epoxy is about 3 to 1 | | |
| Availability: | Fabricated Parts: | The Gund Company fabricates insulation materials to the exact specifications and drawings of our customers. Customized tube properties are also available upon request. | |

| Key Characteristics | Test Method | Units | Typical Values |
|---|-----------------|-------------|----------------|
| Color | | | Green |
| Flammability Rating | UL94 | | НВ |
| Compressive Strength | D348 | PSI | 20,000 |
| Shear Strength | D5448 | PSI | 7,000 |
| Barcol Hardness | D2583 | | 50 |
| Tensile Strength(1/16"Thickness) | D348 | PSI | 13,000 |
| Hoop Strength | D2290 | PSI | 20,000 |
| Density | D348 | gm/cc | 2.0 |
| Water Absorption | D348 | 2 hours | <0.2% |
| | | 24 hours | <0.2% |
| Glass Transition Temperature, Tg | D3418 | C° | 125 |
| Dry Arc Resistance | D495 | sec | >120 |
| Dielectric Strength, Perpendicular 3/16" wall | D348 short time | volts/mil | 250-300 |
| Dielectric Strength, Perpendicular 1/16" wall | D348 short time | volts/mil | 500 |
| Parallel Dielectric Strength | D348 short time | volts/mil | 250-300 |
| Dielectric Constant | D150 | 60 Hz, 10KV | 5 |

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