



the fantastic plastic place

Technical Data

Fiberglass Reinforced Plastic Pultruded Rod and Bar

Typical Properties

Ultimate Tensile Strength	120,000 psi min
Ultimate Flexural Strength	120,000 psi min
Ultimate Compressive Strength	70,000 psi min
Modulus of Elasticity	6.0×10^6 psi
Izod Impact Ft.-lb. per inch	40 min
Dielectric Strength	360 volts/mil min
Dielectric Constant at 60 Hz	6.6
ARC Resistance (ASTM D495)	186 seconds
ARC Resistance	100 KV/Ft. - No damage
Specific Gravity	2.0
Glass Content	76%
Density	.073 lbs/in ³
Water Absorption	0.5%
Weight increase after 24 hours immersion	
Thermal Coefficient of Expansion	3×10^{-6}
inches/inch/°F	
Thermal Conductivity	2.1
BTU per sq ft/hr/°F/in	
Specific Heat	0.24
BTU/lb/°F	

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