



the fantastic plastic place

Fiberglass Reinforced Plastic Pultruded Rod and Bar

Technical Data

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	

Visit our website: tapplastics.com

TAP Plastics Corporate Office • 6475 Sierra Lane • Dublin, CA 94568 • 925.829.4889 • Fax 925.829.6921
15 TAP stores in Northern California • 2 in Oregon • 2 in Washington
For the location nearest you call 1 800 246-5055

Please note above data is representative of a specific formula and is not typical of all custom formulated parts. The information given is based on data received of others and is presented with every belief in its accuracy. Due to variable conditions, TAP Plastics makes no warranty, including the implied warranty of merchantability and fitness for particular purpose, nor any recommendations made to infringe on patents.