

Sawbones E-Glass-Filled Epoxy Sheets

Category : Other Engineering Material , Composite Core Material , Polymer , Thermoset , Epoxy , Epoxy, Molded, Glass Fiber Filler , Filled/Reinforced Thermoset

Material Notes:

Primary Use E-glass-filled epoxy sheets are primarily used as an alternative test medium to human cortical bone. Description E-glass-filled epoxy sheets are a mixture of short e-glass fibers and epoxy resin that has been pressure molded into a thin sheet. Sheets are green-gray in color and come in 2 to 10 mm thickness. Information provided by Sawbones.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sawbones-E-Glass-Filled-Epoxy-Sheets.php

Physical Properties	Metric	English	Comments
Density	1.70 g/cc	0.0614 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	90.0 MPa	13100 psi	
Elongation at Break	0.85 %	0.85 %	
Modulus of Elasticity	12.4 GPa	1800 ksi	
Compressive Yield Strength	120 MPa	17400 psi	
Compressive Modulus	7.60 GPa	1100 ksi	

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