

Sawbones E-Glass-Filled Epoxy Cylinders

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 cylinders are primarily used as an alternative test medium to human cortical bone. Description They are a mixture of short e-glass fibers and epoxy resin that has been pressure molded into hollow cylinders. They can be filled with rigid or cellular foam upon request for an additional charge. Information provided by Sawbones.

Order this product through the following link:

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