

Sawbones Third-Generation Simulated Cortical Bone

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

Material Notes:

E-glass-filled EpoxySawbones® Third-Generation Bones model natural cortical bone using a mixture of short e-glass fibers and epoxy resin pressure injected around a foam core. The mid-shaft area has an intermedullary canal. Third-generation composite bone was developed to improve the composite bone physical behavior, increase anatomical detail in the cortical wall and ease manufacturing difficulties of the Second-Generation Bone. Information provided by Sawbones.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sawbones-Third-Generation-Simulated-Cortical-Bone.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	
Modulus of Elasticity	12.4 GPa	1800 ksi	
Compressive Yield Strength	120 MPa	17400 psi	
Compressive Modulus	7.60 GPa	1100 ksi	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China