

## Sawbones Third-Generation Simulated Cancellous Bone (Cellular)

Category : Other Engineering Material , Composite Core Material , Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane Foam, Unreinforced

### Material Notes:

Rigid Polyurethane BoneSawbones® standard bone models are manufactured with a solid rigid polyurethane foam cancellous core material, unless cellular rigid polyurethane foam is specified. 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-Cancellous-Bone-Cellular.php](http://www.lookpolymers.com/polymer_Sawbones-Third-Generation-Simulated-Cancellous-Bone-Cellular.php)

Physical Properties	Metric	English	Comments
Density	0.320 g/cc	0.0116 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Compressive Yield Strength	5.40 MPa	783 psi	
Compressive Modulus	0.137 GPa	19.9 ksi	

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