

Sawbones Cellular Rigid Polyurethane Foam 12.5 pcf Density

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

Material Notes:

Cellular Rigid Polyurethane Foam Primary Use Cellular rigid polyurethane foam is primarily used as an alternative test medium for human cancellous bone. Its outward appearance matches cancellous bone more closely than solid rigid polyurethane foam products, however they provide a somewhat less consistent and uniform test bed.

Description The appearance of cellular rigid polyurethane foam resembles that of cadaveric cancellous bone, however, the cell structure is 95% closed as compared to the open cell structure of cancellous bone. Foam is available in a range of sizes and densities, from 0.12 to 0.32 grams per cubic centimeter (7.5 to 20 pounds per cubic foot) and cell sizes ranging from 0.5 to 1.0 mm. Information provided by Sawbones.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sawbones-Cellular-Rigid-Polyurethane-Foam-125-pcf-Density.php

Physical Properties	Metric	English	Comments
Density	0.200 g/cc	0.00723 lb/in ³	

Mechanical Properties	Metric	English	Comments
Compressive Yield Strength	3.90 MPa	566 psi	
Compressive Modulus	0.0475 GPa	6.89 ksi	

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