

Ensinger TECAST VEKTON™ 6PB Nylon 6 (PA6)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Cast , Nylon 6, Impact Grade

Material Notes:

TECAST VEKTON™ 6PB cushion pads are used to dampen the shock load on the anvil of a pile hammer. Specially formulated from an impact-modified type 6 nylon, they combine the excellent strength of nylon with the impact-resistance of the modifier. TECAST VEKTON™ 6PB cushion pads are brilliant OSHA orange to provide easy identification. Excellent shock load characteristics protect expensive hammer anvils. High energy transmittance effectively uses hammer force to drive pile. Information Provided by Ensinger Industries, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ensinger-TECAST-VEKTON-6PB-Nylon-6-PA6.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110 - 115	110 - 115	
Tensile Strength, Yield	64.1 - 73.1 MPa @Temperature 22.8 °C	9300 - 10600 psi @Temperature 73.0 °F	
Modulus of Elasticity	2.55 - 2.93 GPa @Temperature 22.8 °C	370 - 425 ksi @Temperature 73.0 °F	
Compressive Strength	79.3 - 89.6 MPa @Temperature 22.8 °C	11500 - 13000 psi @Temperature 73.0 °F	at 1% Deformation
Shear Strength	44.8 - 51.7 MPa @Temperature 22.8 °C	6500 - 7500 psi @Temperature 73.0 °F	
Izod Impact, Notched	0.427 - 0.534 J/cm @Temperature 22.8 °C	0.800 - 1.00 ft-lb/in @Temperature 73.0 °F	

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