

Entec Hypro™ PPH-T30 Homopolymer Polypropylene, 30% Talc Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Talc Filler

Material Notes:

Information provided by Entec

Order this product through the following link:

http://www.lookpolymers.com/polymer_Entec-Hypro-PPH-T30-Homopolymer-Polypropylene-30-Talc-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ASTM D792
Melt Flow	10.0 g/10 min @Load 2.16 kg, Temperature 230 °C	10.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	33.0 MPa	4790 psi	ASTM D638
Elongation at Break	14.0 %	14.0 %	ASTM D638
Elongation at Yield	5.00 %	5.00 %	ASTM D638
Flexural Strength	48.0 MPa	6960 psi	ASTM D790
Flexural Modulus	2.414 GPa	350.1 ksi	tangent; ASTM D790
Izod Impact, Notched	0.267 J/cm @Thickness 3.17 mm	0.500 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	132 °C	270 °F	ASTM D648

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