

Entec Hypro™ PPC-T30 Copolymer 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-PPC-T30-Copolymer-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	26.7 MPa	3870 psi	ASTM D638
Elongation at Break	25.0 %	25.0 %	ASTM D638
Elongation at Yield	8.00 %	8.00 %	ASTM D638
Flexural Strength	44.0 MPa	6380 psi	ASTM D790
Flexural Modulus	2.137 GPa	309.9 ksi	tangent; ASTM D790
Izod Impact, Notched	0.590 J/cm @Thickness 3.17 mm	1.11 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	115 °C	239 °F	ASTM D648

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