

Entec Hypro™ PPC-T10 Copolymer Polypropylene, 10% Talc Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Talc Filler

Material Notes:

Information provided by Entec

Order this product through the following link:

http://www.lookpolymers.com/polymer_Entec-Hypro-PPC-T10-Copolymer-Polypropylene-10-Talc-Reinforced.php

Physical Properties	Metric	English	Comments
Density	0.980 g/cc	0.0354 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	29.0 MPa	4210 psi	ASTM D638
Elongation at Break	50.0 %	50.0 %	ASTM D638
Elongation at Yield	10.0 %	10.0 %	ASTM D638
Flexural Strength	31.0 MPa	4500 psi	ASTM D790
Flexural Modulus	1.448 GPa	210.0 ksi	tangent; ASTM D790
Izod Impact, Notched	0.690 J/cm @Thickness 3.17 mm	1.29 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	219 °F	ASTM D648

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