

Entec Hypro™ PPH-CC20 Natural Homopolymer Polypropylene, 20% Calcium Carbonate Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Calcium Carbonate (CaCO3) Filler

Material Notes:

Information provided by Entec

Order this product through the following link:

http://www.lookpolymers.com/polymer_Entec-Hypro-PPH-CC20-Natural-Homopolymer-Polypropylene-20-Calcium-Carbonate-Filled.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 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	28.0 MPa	4060 psi	ASTM D638
Elongation at Break	30.0 %	30.0 %	ASTM D638
Elongation at Yield	7.00 %	7.00 %	ASTM D638
Flexural Strength	38.0 MPa	5510 psi	ASTM D790
Flexural Modulus	1.862 GPa	270.1 ksi	tangent; ASTM D790
Izod Impact, Notched	0.400 J/cm @Thickness 3.17 mm	0.749 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	99.0 °C	210 °F	ASTM D648

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