

Entec Hypro™ PPC-CC40 Natural Copolymer Polypropylene, 40% Calcium Carbonate Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Calcium Carbonate (CaCO₃) Filler

Material Notes:

Information provided by Entec

Order this product through the following link:

http://www.lookpolymers.com/polymer_Entec-Hypro-PPC-CC40-Natural-Copolymer-Polypropylene-40-Calcium-Carbonate-Filled.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 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	24.0 MPa	3480 psi	ASTM D638
Elongation at Break	40.0 %	40.0 %	ASTM D638
Elongation at Yield	5.00 %	5.00 %	ASTM D638
Flexural Strength	41.0 MPa	5950 psi	ASTM D790
Flexural Modulus	2.069 GPa	300.1 ksi	tangent; ASTM D790
Izod Impact, Notched	0.640 J/cm @Thickness 3.17 mm	1.20 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	ASTM D648

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