

## Entec Hypro™ PPC-GF20 Natural Impact Polypropylene, 20% Glass Reinforced

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

**Material Notes:**

Information provided by Entec

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Entec-Hypro-PPC-GF20-Natural-Impact-Polypropylene-20-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Entec-Hypro-PPC-GF20-Natural-Impact-Polypropylene-20-Glass-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in <sup>3</sup>	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	55.9 MPa	8110 psi	ASTM D638
Elongation at Break	5.00 %	5.00 %	ASTM D638
Elongation at Yield	4.00 %	4.00 %	ASTM D638
Flexural Strength	64.0 MPa	9280 psi	ASTM D790
Flexural Modulus	2.897 GPa	420.2 ksi	tangent; ASTM D790
Izod Impact, Notched	1.60 J/cm @Thickness 3.17 mm	3.00 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	143 °C	289 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	135 °C	275 °F	ASTM D648

### Contact Songhan Plastic Technology Co.,Ltd.

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