

Entec Hypro™ PP-CP10/2 Impact Copolymer, 10 Melt Flow, Nucleated, Anti-stat

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

This product is intended for injection molding applications such as consumer products, toys, housewares, office furniture, and juvenile products. Information provided by Entec

Order this product through the following link:

http://www.lookpolymers.com/polymer_Entec-Hypro-PP-CP102-Impact-Copolymer-10-Melt-Flow-Nucleated-Anti-stat.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 230 °C	10 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 Yield	>= 200 %	>= 200 %	ASTM D638
Flexural Modulus, 1% Secant	1450 MPa	210000 psi	ASTM D790
Izod Impact, Notched	1.33 J/cm @Thickness 3.17 mm	2.49 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	107 °C	225 °F	ASTM D648

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