

Entec Hypro™ PP-CP35/2 Impact Copolymer, 35 Melt Flow

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

Material Notes:

This product is intended for general purpose injection molding applications including consumer products, housewares and packaging. Information provided by Entec

Order this product through the following link:

http://www.lookpolymers.com/polymer_Entec-Hypro-PP-CP352-Impact-Copolymer-35-Melt-Flow.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM D955
Melt Flow	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	23.0 MPa	3340 psi	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Flexural Modulus, 1% Secant	1175 MPa	170400 psi	ASTM D790
Izod Impact, Notched	>= 1.87 J/cm @Thickness 3.17 mm	>= 3.50 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	103 °C	217 °F	ASTM D648

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