

Phillips 66 COPYLENE® CH350 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

COPYLENE™ CH350 is a controlled rheology, barefoot homopolymer designed for application as a base resin for compounding, consumer products and other injection molding applications. Applications: Injection molding Information provided by Phillips 66.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CH350-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in³	ASTM D792
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	35.2 MPa	5100 psi	(2 in/min); ASTM D638
Elongation at Yield	9.2 %	9.2 %	ASTM D638
Flexural Modulus	1.48 GPa	215 ksi	0.05 in/mm, 1% Secant, Procedure A; ASTM D790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	101 °C	214 °F	Unannealed; ASTM D648

Descriptive Properties	Value	Comments
Process	Injection Molding	
Region	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

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