

Phillips 66 COPYLENE® CH120 Polypropylene, Homopolymer, Injection Molding, Barefoot

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Formulated for excellent processing stability. Applications: General purpose injection molding. Equivalent to Pro-fax® HL23IN Information provided by Phillips 66.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CH120-Polypropylene-Homopolymer-Injection-Molding-Barefoot.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM D792
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	33.1 MPa	4800 psi	2 in/min; ASTM D638
Elongation at Yield	9.6 %	9.6 %	ASTM D638
Flexural Modulus	1.34 GPa	195 ksi	0.05 in/min; 1% secant; Procedure A; ASTM D790
Izod Impact, Notched	0.267 J/cm @Temperature 23.0 °C	0.500 ft-lb/in @Temperature 73.4 °F	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °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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