

Phillips 66 COPYLENE® CH120LN Polypropylene, Homopolymer, Injection Molding, Antistat/Lube

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

COPYLENE™ CH120LN is designed for general purpose injection molding applications with anti-static and nucleation. Applications: Food Containers, Housewares, Closures. Information provided by Phillips 66.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CH120LN-Polypropylene-Homopolymer-Injection-Molding-AntistatLube.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	37.6 MPa	5450 psi	2 in/min; ASTM D638
Elongation at Yield	7.0 %	7.0 %	ASTM D638
Flexural Modulus	1.76 GPa	255 ksi	0.05 in/min; 1% secant; Procedure A; ASTM D790
Izod Impact, Notched	0.427 J/cm @Temperature 23.0 °C	0.800 ft-lb/in @Temperature 73.4 °F	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	119 °C	246 °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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