

Phillips 66 COPYLENE® CH200LN-02 Polypropylene, Homopolymer, Rx grade, Nucleated, Lube, Injection Molding

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

COPYLENE™ CH200LN-02 is a polypropylene homopolymer resin nucleated for faster crystallization with antistatic properties and designed for injection molding applications. Applications: Caps & Closures, Sports, Leisure and Toys, Housewares, Opaque Containers.

Equivalent to Pro-fax® HL232R Information provided by Phillips 66.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CH200LN-02-Polypropylene-Homopolymer-Rx-grade-Nucleated-Lube-Injection-Molding.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM D792
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 230 °C	20 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Yield	37.9 MPa	5500 psi	2 in/min; ASTM D638
Elongation at Yield	7.5 %	7.5 %	ASTM D638
Flexural Modulus	1.72 GPa	250 ksi	0.05 in/min; 1% secant; Procedure A; ASTM D790
Izod Impact, Notched	0.320 J/cm @Temperature 23.0 °C	0.600 ft-lb/in @Temperature 73.4 °F	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	124 °C	255 °F	unannealed; ASTM D648

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

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China