

Phillips 66 COPYLENE® CM360N Polypropylene, Impact Copolymer, Injection Molding

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

Material Notes:

COPYLENE® CM360N is a high melt flow, no-break impact polypropylene copolymer resin designed for injection molding applications requiring a good balance of stiffness, impact, resistance and processability. Information provided by Phillips 66.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CM360N-Polypropylene-Impact-Copolymer-Injection-Molding.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM D792
Melt Flow	36 g/10 min @Load 2.16 kg, Temperature 230 °C	36 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	19.3 MPa	2800 psi	2 in/min; ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	0.965 GPa	140 ksi	0.05 in/min; 1% secant; Procedure A; ASTM D790
Izod Impact, Notched	NB @Temperature 23.0 °C	NB @Temperature 73.4 °F	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	92.0 °C	198 °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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