

Phillips 66 COPYLENE® CR350CL-01 Polypropylene, Random Copolymer, Clarified

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

Material Notes:

COPYLENE™ CR350CL-01 is a clarified, easy molding high melt flow polypropylene random copolymer resin with good see-through and contact clarity in injection molding applications. Applications: Housewares, Clear Containers Information provided by Phillips 66.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CR350CL-01-Polypropylene-Random-Copolymer-Clarified.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	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	28.3 MPa	4100 psi	(2 in/min); ASTM D638
Elongation at Yield	12 %	12 %	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	0.05 in/mm, 1% Secant, Procedure A; ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	82.0 °C	180 °F	Unannealed; ASTM D648

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

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