

Phillips 66 COPYLENE® CR120CL-01 Polypropylene, Random Copolymer, Clarified

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

Material Notes:

COPYLENE™ CR120CL-01 is a clarified, random copolymer specially designed for injection molding applications and is formulated with anti-stat for excellent mold release. Applications: Injection molding Information provided by Phillips 66.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CR120CL-01-Polypropylene-Random-Copolymer-Clarified.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in³	ASTM D792
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	27.2 MPa	3950 psi	(2 in/min); ASTM D638
Elongation at Yield	14 %	14 %	ASTM D638
Flexural Modulus	1.00 GPa	145 ksi	0.05 in/mm, 1% Secant, Procedure A; ASTM D790
Izod Impact, Notched	0.801 J/cm	1.50 ft-lb/in	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	75.0 °C	167 °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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