

Phillips 66 COPYLENE® CR020CL Polypropylene Impact Copolymer

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

Material Notes:

COPYLENE® CR020CL is a random copolymer formulated with advanced clarifier technology and with antistat and is specially designed to excel in extrusion blowmolding processes. EBM bottles will have exceptional gloss and low haze. Applications: Extrusion Blowmolding Processes Information provided by Phillips 66.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CR020CL-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM D792
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 230 °C	2.0 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	14 %	14 %	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	0.05 in/mm, 1% Secant, Procedure A; ASTM D790
Izod Impact, Notched	3.47 J/cm	6.50 ft-lb/in	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	80.0 °C	176 °F	Unannealed; ASTM D648

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

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