

Phillips 66 COPYLENE® CR020N Polypropylene Random Copolymer

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

Material Notes:

COPYLENE® CR020N is a random copolymer formulated with advanced nucleator technology 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-CR020N-Polypropylene-Random-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	26.5 MPa	3850 psi	(2 in/min); ASTM D638
Elongation at Yield	13.5 %	13.5 %	ASTM D638
Flexural Modulus	0.965 GPa	140 ksi	0.05 in/mm, 1% Secant, Procedure A; ASTM D790
Izod Impact, Notched	4.27 J/cm	8.00 ft-lb/in	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °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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