

## Phillips 66 COPYLENE® CR120LN Polypropylene, Random Copolymer, Nucleated

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

### Material Notes:

COPYLENE™ CR120LN is a random copolymer nucleated and with antistat for good mold release in injection molding applications.

Applications: Containers, Closures, Housewares Information provided by Phillips 66.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Phillips-66-COPYLENE-CR120LN-Polypropylene-Random-Copolymer-Nucleated.php](http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CR120LN-Polypropylene-Random-Copolymer-Nucleated.php)

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in <sup>3</sup>	ASTM D792
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 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	12.2 %	12.2 %	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	0.05 in/min; 1% secant; Procedure A; ASTM D790
Izod Impact, Notched	0.641 J/cm @Temperature 23.0 °C	1.20 ft-lb/in @Temperature 73.4 °F	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	94.0 °C	201 °F	unannealed; ASTM D648

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

## Contact Songhan Plastic Technology Co.,Ltd.

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