

## Phillips 66 COPYLENE® CM100LN Polypropylene, Impact Copolymer, Medium Impact, Nucleated, Antistat, Injection Molding

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

### Material Notes:

Medium impact, nucleated, antistat, injection molding. Applications: Household articles, pails, consumer products. Information provided by Phillips 66.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Phillips-66-COPYLENE-CM100LN-Polypropylene-Impact-Copolymer-Medium-Impact-Nucleated-Antistat-Injection-Molding.php](http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CM100LN-Polypropylene-Impact-Copolymer-Medium-Impact-Nucleated-Antistat-Injection-Molding.php)

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in <sup>3</sup>	ASTM D792
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 230 °C	10 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.9 MPa	3750 psi	2 in/min; ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Flexural Modulus	1.45 GPa	210 ksi	0.05 in/min; 1% secant; Procedure A; ASTM D790
Izod Impact, Notched	1.17 J/cm @Temperature 23.0 °C	2.20 ft-lb/in @Temperature 73.4 °F	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	108 °C	226 °F	unannealed; ASTM D648

Descriptive Properties	Value	Comments
Process	Injection Molding	

## Contact Songhan Plastic Technology Co.,Ltd.

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