

## Phillips 66 COPYLENE® CM015G Polypropylene Impact Copolymer

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

### Material Notes:

COPYLENE® CM015G is low melt flow impact copolymer with a barefoot additive package and is designed for excellent processing in injection molding and extrusion applications. Applications: Injection Molding and Extrusion Processes, Film, Sheet Information provided by Phillips 66.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Phillips-66-COPYLENE-CM015G-Polypropylene-Impact-Copolymer.php](http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CM015G-Polypropylene-Impact-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in <sup>3</sup>	ASTM D792
Melt Flow	1.5 g/10 min @Load 2.16 kg, Temperature 230 °C	1.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	23.8 MPa	3450 psi	(2 in/min); ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus	1.07 GPa	155 ksi	0.05 in/mm, 1% Secant, Procedure A; ASTM D790
Izod Impact, Notched	NB	NB	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	77.0 °C	171 °F	Unannealed; ASTM D648

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

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