

Phillips 66 COPYLENE® CM010G Polypropylene Impact Copolymer

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CM010G-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792
Melt Flow	0.90 g/10 min @Load 2.16 kg, Temperature 230 °C	0.90 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.1 MPa	3500 psi	(2 in/min); ASTM D638
Elongation at Yield	13 %	13 %	ASTM D638
Flexural Modulus	1.03 GPa	150 ksi	0.05 in/mm, 1% Secant; ASTM D790A
Izod Impact, Notched	NB	NB	ASTM D256A

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	
	Injection Molding	
Region	Mexico	
	US & Canada	

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