

## Phillips 66 COPYLENE® CM005 Polypropylene Impact Copolymer

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

### Material Notes:

COPYLENE® CM005 is a fractional melt flow impact copolymer with a barefoot additive package which is specially formulated to excel in extrusion processes..Applications: Extrusion, sheet, film.Information provided by Phillips 66.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Phillips-66-COPYLENE-CM005-Polypropylene-Impact-Copolymer.php](http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CM005-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	0.50 g/10 min @Load 2.16 kg, Temperature 230 °C	0.50 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.9 MPa	3760 psi	(2 in/min); ASTM D638
Elongation at Yield	11 %	11 %	ASTM D638
Flexural Modulus	1.21 GPa	175 ksi	0.05 in/mm, 1% Secant, Procedure A; ASTM D790
Izod Impact, Notched	7.475 J/cm	14.00 ft-lb/in	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	80.0 °C	176 °F	Unannealed; ASTM D648

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

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China