

## Phillips 66 COPYLENE® CH005 Polypropylene, Homopolymer, Extrusion, Strapping

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

COPYLENE® CH005 is a fractional melt flow polypropylene homopolymer resin available in pellet form. Information provided by Phillips 66.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Phillips-66-COPYLENE-CH005-Polypropylene-Homopolymer-Extrusion-Strapping.php](http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CH005-Polypropylene-Homopolymer-Extrusion-Strapping.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	35.2 MPa	5100 psi	2 in/min; ASTM D638
Elongation at Yield	11 %	11 %	ASTM D638
Flexural Modulus	1.62 GPa	235 ksi	0.05 in/min; 1% secant; Procedure A; ASTM D790
Flexural Modulus, 1% Secant	1620 MPa	235000 psi	0.05 in/min; ASTM D790
Izod Impact, Notched	0.694 J/cm	1.30 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	95.0 °C	203 °F	ASTM D648

Descriptive Properties	Value	Comments
Process	Extrusion	
Region	Mexico	
	US & Canada	

## 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