

## Phillips 66 COPYLENE® CR027 Polypropylene, Homopolymer, Mini-random, BOPP

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

**Material Notes:**

Mini-random homopolymer. Applications: BOPP film. Equivalent to Pro-fax® HL456J Information provided by Phillips 66.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Phillips-66-COPYLENE-CR027-Polypropylene-Homopolymer-Mini-random-BOPP.php](http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CR027-Polypropylene-Homopolymer-Mini-random-BOPP.php)

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in <sup>3</sup>	ASTM D792
Melt Flow	2.7 g/10 min @Load 2.16 kg, Temperature 230 °C	2.7 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.1 MPa	4650 psi	2 in/min; ASTM D638
Elongation at Yield	12 %	12 %	ASTM D638
Flexural Modulus	1.28 GPa	185 ksi	0.05 in/min; 1% secant; Procedure A; ASTM D790
Izod Impact, Notched	0.427 J/cm @Temperature 23.0 °C	0.800 ft-lb/in @Temperature 73.4 °F	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	86.0 °C	187 °F	unannealed; ASTM D648

Descriptive Properties	Value	Comments
Process	Film	

## 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