

Phillips 66 COPYLENE® CH085 Polypropylene, Homopolymer, Cast Film

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

COPYLENE™ CH085, a controlled rheology polypropylene homopolymer resin, is used in injection molding and cast film extrusion applications. Applications: Bags & Pouches, Stationery Film, Stretch Wrap Film, Peelable Film, Film Wrap, Food Packaging Film, Heavy Duty Packaging, Hygiene Film, Medical Film, Stretch Hood, Twist Wrap Film, Breathable Film. Equivalent to Pro-fax® HL453M Information provided by Phillips 66.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CH085-Polypropylene-Homopolymer-Cast-Film.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in³	ASTM D792
Melt Flow	8.5 g/10 min @Load 2.16 kg, Temperature 230 °C	8.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.7 MPa	4740 psi	2 in/min; ASTM D638
Elongation at Yield	11 %	11 %	ASTM D638
Flexural Modulus	1.24 GPa	180 ksi	0.05 in/min; 1% secant; Procedure A; ASTM D790
Izod Impact, Notched	0.374 J/cm @Temperature 23.0 °C	0.700 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	
Region	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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