

Phillips 66 COPYLENE® CH085S Polypropylene, Homopolymer, Cast Film, Slip

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

Material Notes:

COPYLENE™ CH085S is a controlled rheology polypropylene homopolymer resin containing slip additive. COPYLENE™ CH085S is used in injection molding and cast film extrusion applications. Applications: Bags & Pouches, Various films & wrap packaging. Equivalent to Pro-fax® HL455M*Information provided by Phillips 66.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CH085S-Polypropylene-Homopolymer-Cast-Film-Slip.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.54 MPa	4575 psi	2 in/min; ASTM D638
Elongation at Yield	11 %	11 %	ASTM D638
Flexural Modulus	1.17 GPa	170 ksi	0.05 in/min; 1% secant; Procedure A; ASTM D790
Izod Impact, Notched	0.374 J/cm	0.700 ft-lb/in	Method A; ASTM D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

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	
	Injection Molding	
Region	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

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