

For more information and technical assistance contact ConocoPhillips COPYLENE™ Polypropylene at www.COPYLENE.com.

COPYLENE™ CH085S

Polypropylene, Homopolymer

Applications:

- Bags & Pouches
- Various Films & Wrap Packaging

Product Description:

- COPYLENE™ CH085S is a controlled rheology polypropylene homopolymer resin containing slip additive. COPYLENE™ CH085S is used in injection molding and cast film extrusion applications.

Product Properties

Typical Properties	Method	Value Unit
Physical		
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	8.5 g/10 min
Density – Specific Gravity	ASTM D 792	0.902 sp gr
Mechanical		
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4575 psi 32 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	170,000 psi 1170 MPa
Tensile Elongation @Yld	ASTM D 638	11%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.7 ft-lb/in 37.0 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	86 °C

For regulatory compliance information, see COPYLENE™ CH085S Product Stewardship Information Sheet. MSDS available upon request, or on our Web site at www.COPYLENE.com. The product specifications are nominal properties and do not reflect normal testing variance and should not be used for specification purposes.

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