



PRODUCT DATASHEET

For more information and technical assistance contact Phillips 66 COPYLENE® Polypropylene at www.COPYLENE.com.

COPYLENE® CH350LN

Homopolymer

Applications:

- Food Containers
- Housewares
- Closures

Product Description

- COPYLENE® CH350LN is a reactor grade polypropylene homopolymer with anti-static agent and nucleation, designed for injection molding applications. It is made with non-phthalate technology

Product Properties

Typical Properties	Method	Value Unit
Physical		
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	35 g/10 min
Density – Specific Gravity	ASTM D 792	0.9 sp. gr
Mechanical		
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	5,600 psi 38.6 MPa.
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	284,000 psi 1,958 MPa.
Tensile Elongation @Yld	ASTM D 638	6.5%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.6 ft-lb/in 31.8 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	120 °C

For regulatory compliance information, see COPYLENE® CH350LN 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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