



PRODUCT DATASHEET

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

COPYLENE® CM350LN-01

Impact Copolymer

Applications:

- Caps & Closures
- Portion cups
- Containers

Product Description

- COPYLENE® CM350LN-01 is a high melt flow, reactor grade, nucleated, impact polypropylene copolymer resin designed for injection molding applications requiring a good balance of stiffness, impact, resistance and processability. 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	3,500 psi 24.1 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	190,000 psi 1,310 MPa
Tensile Elongation @Yld	ASTM D 638	6 %
Impact		
Notched Izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	1.2 ft-lb/in 64 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	98 °C

For regulatory compliance information, see COPYLENE® CM350LN-01 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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