COPYLENE®

PRODUCT DATASHEET

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

# COPYLENE® CM350LN

Impact Copolymer

**Applications:**

- Caps & Closures
- Opaque Containers

**Product Description**

- COPYLENE® CM350LN is a high melt flow, medium impact polypropylene copolymer resin designed for injection molding applications requiring a good balance of stiffness, impact, resistance and processability. It is made with a non-phthalate catalyst.

## 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<br>(2 in/min)<br>(50 mm/min) | ASTM D 638 | 3,150 psi<br>21.7 MPa |
| Flexural Modulus<br>(0.05 in/min, 1% Secant, Procedure A)<br>(1 mm/min, 1% Secant, Procedure A) | ASTM D 790 | 165,000 psi<br>1,137 MPa |
| Tensile Elongation @Yld | ASTM D 638 | 7% |
| **Impact** | | |
| Notched Izod impact<br>(73 °F, Method A)<br>(23 °C, Method A) | ASTM D 256 | 2.1 ft-lb/in<br>112 J/m |
| **Thermal** | | |
| DTUL @66psi – Unannealed | ASTM D 648 | 96 °C |

For regulatory compliance information, see COPYLENE® CM350LN 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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