

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

COPYLENE® CM200LN

Impact Copolymer

Applications:

- Lawn and garden products
- Industrial and other consumer products.

Product Description

- COPYLENE® CM200LN is a super high Impact copolymer with a superior balance of stiffness and impact strength. The high melt flow allows for quick filling of molds and the anti-stat and nucleation facilitates fast cycle times. 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	20 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	2,850 psi 19.6 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	137,000 psi 945 MPa
Tensile Elongation @Yld	ASTM D 638	9.5%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	No Break
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	92 °C

For regulatory compliance information, see COPYLENE® CM200LN 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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