COPYLENE®

PRODUCT DATASHEET

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	2,900 psi 20 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	140,000 psi 965 MPa
Tensile Elongation @Yld	ASTM D 638	10%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	No Break
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	93 °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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Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited, and the information is applicable to the user's specific application. Phillips 66 Company does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reverence to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.

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