

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

COPYLENE® CM120LN

Impact Copolymer

Applications:

- Compounding
- Consumer products

Product Description

- COPYLENE® CM120LN is a high impact copolymer formulated with anti-stat and nucleation to excel in injection molding processes. 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	12 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	3,250 psi 22.4MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	170,000 psi 1,172 MPa
Tensile Elongation @Yld	ASTM D 638	6 %
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	No Break
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	97 °C

For regulatory compliance information, see COPYLENE® CM120LN 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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