



PRODUCT DATASHEET

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

COPYLENE® CM090L

Impact Copolymer

Applications:

- Consumer goods
- NSF 51 Listed

Product Description

- COPYLENE® CM090L is a medium impact copolymer with anti-stat and is specially designed to excel in injection molding processes for consumer products. 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	10 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 MPa.
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	165,000 psi 1,137 MPa
Tensile Elongation @Yld	ASTM D 638	7 %
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	2.3 ft-lb/in 121 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	79 °C

For regulatory compliance information, see COPYLENE® CM090L 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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