



PRODUCT DATASHEET

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

COPYLENE® CM010G

Impact Copolymer

Applications:

- Extrusion Processes, Film, Sheet

Product Description

- COPYLENE® CM010G is a low melt flow impact copolymer with a phosphorus-free additive package and is designed for excellent processing in extrusion applications. 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	0.9 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	3,650 psi 25.2 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	175,000 psi 1,207 MPa
Tensile Elongation @Yld	ASTM D 638	12%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	No Break
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	81 °C

For regulatory compliance information, see COPYLENE® CM010G 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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