

For more information and technical assistance contact ConocoPhillips COPYLENE™ Polypropylene at www.COPYLENE.com.

COPYLENE™ CM038LN

Impact Copolymer

Applications:

- Thermoforming
- Injection Molding

Product Description

- COPYLENE™ CM038LN is an impact copolymer specially designed for excellent processing in thermoforming applications and is formulated with antistat and nucleation.

Product Properties

Typical Properties	Method	Value Unit
Physical		
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	3.8 g/10 min
Density – Specific Gravity	ASTM D 792	0.902 sp gr
Mechanical		
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4500 psi 31 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	235000 psi 1619 MPa
Tensile Elongation @Yld	ASTM D 638	6.2%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	2.6 ft-lb/in 138 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	116 °C

For regulatory compliance information, see COPYLENE™ CM038LN 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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