

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

COPYLENE™ CR120LN

Random Copolymer

Applications:

- Containers
- Closures
- Housewares

Product Description

- COPYLENE™ CR120LN is a random copolymer nucleated and with antistat for good mold release in injection molding applications.

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	0.902 sp gr
Mechanical		
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4000 psi 28.2 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	150000 psi 1033 MPa
Tensile Elongation @Yld	ASTM D 638	12.9%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	1.2 ft-lb/in 63.3 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	83.7 °C

For regulatory compliance information, see COPYLENE™ CR120LN 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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