



PRODUCT DATASHEET

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

COPYLENE® CR120LN

Random Copolymer

Applications:

- Containers
- Closures
- Housewares

Product Description

- COPYLENE® CR120LN is a nucleated random copolymer with anti-stat for good mold release in injection molding 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	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	4,000 psi 27.6 MPa.
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	145,000 psi 1,000 MPa.
Tensile Elongation @Yld	ASTM D 638	13 %
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	1.0 ft-lb/in 53 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	82 °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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