

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

COPYLENE™ CH120LN

Homopolymer

Applications

- Food Containers
- Housewares
- Closures

Product Description

- COPYLENE™ CH120LN is designed for general purpose injection molding applications with anti-static and nucleation.

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	5450 psi 35.5 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	255000 psi 1756 MPa
Tensile Elongation @Yld	ASTM D 638	7%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.8 ft-lb/in 42.5 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	119 °C

For regulatory compliance information, see COPYLENE™ CH120LN 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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