



PRODUCT DATASHEET

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

COPYLENE® CH120

Homopolymer

Applications:

- General purpose injection molding
- UL 94 HB

Product Description

- Formulated for excellent processing stability. It is barefoot and 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	5,250 psi 36 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	240,000 psi 1,655 MPa
Tensile Elongation @Yld	ASTM D 638	8 %
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.7 ft-lb/in 37 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	101 °C

For regulatory compliance information, see COPYLENE® CH120 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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