

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

COPYLENE® CH120

Homopolymer

Applications:

- General purpose injection molding

Product Description

- Formulated for excellent processing stability. It is barefoot and is made with a non-phthalate catalyst.

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	5,000 psi 34.4 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	0.6 ft-lb/in 31.9 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	105 °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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