

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

COPYLENE® CR120CL-01

Random Copolymer

Applications:

- Injection molding

Product Description

- COPYLENE® CR120CL-01 is a clarified, random copolymer specially designed for injection molding applications and is formulated with anti-stat for excellent mold release. It 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	3,850 psi 26.5 MPa.
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	140,000 psi 965 MPa.
Tensile Elongation @Yld	ASTM D 638	14%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	1.5 ft-lb/in 79.7 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	70 °C

For regulatory compliance information, see COPYLENE® CR120CL-01 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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