



PRODUCT DATASHEET

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

COPYLENE® CR350CS-01

Random Copolymer

Applications:

- Injection molding

Product Description

- COPYLENE® CR350CS-01 is a clarified, reactor grade, random copolymer specially designed for clear injection molding applications and is formulated with lube for excellent mold release for larger articles. 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	35 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	4,050 psi 27.9 MPa.
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	150,000 psi 1,034 MPa.
Tensile Elongation @Yld	ASTM D 638	14%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	1.2 ft-lb/in 63 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	72 °C
Optical		
Haze, 40 mil plaque	ASTM D003	8%

For regulatory compliance information, see COPYLENE® CR350CS-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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