COPYLENE®

PRODUCT DATASHEET

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

COPYLENE® CR750CLS

Random Copolymer

VALIDATED
• MILLAD® NX™ 8000 ENABLES AN AVERAGE OF 10% ENERGY SAVINGS FOR PRODUCTION OF CLARIFIED PP PARTS
UL.COM/ECV

Applications:
- Housewares
- Food containers

Product Description
- COPYLENE® CR750CLS is a clarified random copolymer specially designed and formulated for clear injection molding applications and is formulated with anti-stat and lube for excellent mold release and material handling. 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	80 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	3,800 psi 26.2 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	15 %
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	1.0 ft-lb/in 53 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	70 °C
Optical		
Haze, 40 mil plaque	ASTM D003	7%

For regulatory compliance information, see COPYLENE® CR750CLS 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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PHILLIPS 66®

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