COPYLENE®

PRODUCT DATASHEET

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

COPYLENE® CR020CL

Random Copolymer

Applications:

- Extrusion Blow Molding
- Thermoforming

Product Description

- COPYLENE® CR020CL is a random copolymer formulated with advanced clarifier technology and with antistat. It is specially designed to excel in extrusion blow molding processes. EBM bottles will have exceptional gloss and low haze. 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	2.0 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	4,200 psi 29.0 MPa.
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	156,000 psi 1,076 MPa.
Tensile Elongation @Yld	ASTM D 638	14%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	4.0 ft-lb/in 214 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	75 °C
Optical		
Haze, 40 mil plaque	ASTM D003	10%

For regulatory compliance information, see COPYLENE® CR020CL 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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