



PRODUCT DATASHEET

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

COPYLENE® CR020N

Random Copolymer

Applications:

- Extrusion Blow Molding
- Film
- Thermoforming

Product Description

- COPYLENE® CR020N is a random copolymer formulated with advanced nucleator technology and 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	4,130 psi 28.5 MPa.
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	155,000 psi 1,069 MPa.
Tensile Elongation @Yld	ASTM D 638	13 %
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	2.4 ft-lb/in 128 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	85 °C

For regulatory compliance information, see COPYLENE® CR020N 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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