

For more information and technical assistance contact ConocoPhillips COPYLENE™ Polypropylene at www.COPYLENE.com.

COPYLENE™ CR020N

Random Copolymer

Applications:

Extrusion Blowmolding Processes

Product Description

- COPYLENE™ CR020N is a random copolymer formulated with advanced nucleator technology and is specially designed to excel in extrusion blowmolding processes. EBM bottles will have exceptional gloss and low haze.

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	0.902 sp gr
Mechanical		
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	3850 psi 26.5 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	140000 psi 964 MPa
Tensile Elongation @Yld	ASTM D 638	13.5%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	8.0 ft-lb/in 425 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	90 °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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