

COPYLENE® CR020N

Polypropylene Random Copolymer

Phillips 66

Message:

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.

Applications:
Extrusion Blowmolding Processes

General Information			
Additive	Nucleating Agent		
Features	High Gloss		
	Nucleated		
	Random Copolymer		
Uses	Blow Molding Applications		
	Bottles		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	26.5	MPa	ASTM D638
Tensile Elongation (Yield)	14	%	ASTM D638
Flexural Modulus - 1% Secant ²	965	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	430	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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