

# COPYLENE® CM020N

Polypropylene Impact Copolymer

Phillips 66

## Message:

COPYLENE® CM020N is a nucleated, medium impact copolymer with an excellent balance of stiffness and impact performance for extrusion and injection processes.

Applications:

Extrusion and Injection Molding

General Information			
Additive	Nucleating Agent		
Features	Impact Copolymer		
	Medium Impact Resistance		
	Nucleated		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.902	g/cm <sup>3</sup>	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 <sup>1</sup> (Yield)	25.8	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	1240	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	102	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.0 mm/min		

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