

COPYLENE® CM200LN-02

Polypropylene Impact Copolymer

Phillips 66

Message:

COPYLENE ® CM200LN-02 is specially designed for injection molding applications where an excellent balance of stiffness/impact and good cycle times are required.

Applications:

Injection molding applications including closures, household articles and other consumer product.

General Information			
Features	Fast Molding Cycle		
	Good Stiffness		
	Impact Copolymer		
Uses	Closures		
	Consumer Applications		
	Household Goods		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.902	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	23.8	MPa	ASTM D638
Tensile Elongation (Yield)	5.1	%	ASTM D638
Flexural Modulus - 1% Secant ²	1270	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	105	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.0 mm/min		

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