

# COPYLENE® CM200LN

Polypropylene Impact Copolymer

Phillips 66

## Message:

COPYLENE® CM200LN is a Super High Impact copolymer with a superior balance of stiffness and impact strength. The high melt flow allows for quick filling of molds and the antistat and nucleation facilitates fast cycle times.

## Applications:

Injection molding applications including lawn and garden products, industrial and other consumer product.

General Information			
UL YellowCard	E338982-101935368		
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Fast Molding Cycle		
	Good Stiffness		
	High Flow		
	Impact Copolymer		
	Nucleated		
	Ultra High Impact Resistance		
Uses	Consumer Applications		
	Industrial Applications		
	Lawn and Garden Equipment		
Forms	Pellets		
Processing Method	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)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	18.9	MPa	ASTM D638
Tensile Elongation (Yield)	9.5	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	895	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)	91.0	°C	ASTM D648
NOTE			

1.	50 mm/min
2.	1.0 mm/min

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

