

COPYLENE® CH200LN

Polypropylene Homopolymer

Phillips 66

Message:

COPYLENE® CH200LN is designed for general purpose injection molding applications with anti-stat, nucleation and controlled rheology.

Applications:

Food containers

Housewares

Closures

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Controlled Rheology		
	Homopolymer		
	Nucleated		
Uses	Closures		
	Food Containers		
	Household Goods		
Forms	Pellets		
Processing Method	Injection 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)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	37.9	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus - 1% Secant ²	1830	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	122	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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