

CP PRYME® Nylon 66 NN213HSL BK/OM200

Polyamide 66
Chase Plastics Services Inc.

Message:
13% Glass Fiber Reinforced Utility Grade Nylon 6/6, Heat Stabilized, Lubricated, Black

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 13% filler by weight		
Additive	heat stabilizer		
	Lubricant		
Features	Thermal Stability		
	Lubrication		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	117	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5170	MPa	ASTM D790
Flexural Strength	159	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 3.18mm	260	°C	ASTM D648
1.8 MPa, unannealed, 3.18mm	243	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82	°C	
Drying Time	2.0 - 4.0	hr	
Suggested Max Moisture	0.12	%	
Rear Temperature	271 - 293	°C	
Middle Temperature	271 - 293	°C	
Front Temperature	271 - 293	°C	
Nozzle Temperature	271 - 293	°C	
Processing (Melt) Temp	271 - 293	°C	
Mold Temperature	27 - 60	°C	

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Recommended distributors for this material

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