

# CP PRYME® Nylon 6 N100L

Polyamide 6  
Chase Plastics Services Inc.

Message:  
CP PRYME® Nylon 6 N100L is a Polyamide 6 (Nylon 6) product. It is available in North America. Primary characteristic: lubricated.

General Information				
Additive		Lubricant		
Features		Lubricated		
Appearance		Natural Color		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.14	1.14	g/cm <sup>3</sup>	ASTM D792
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength (23°C)	80.7	45.5	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	50	150	%	ASTM D638
Flexural Modulus (23°C)	2760	889	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	107	43.4	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact (23°C)	43 J/m	No Break		ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	182	182	°C	
1.8 MPa, Unannealed	71.1	71.1	°C	

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Recommended distributors for this material

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