

CP PRYME® Nylon 6 N100MD2

Polyamide 6
Chase Plastics Services Inc.

Message:

CP PRYME® Nylon 6 N100MD2 is a Polyamide 6 (Nylon 6) product. It is available in North America. Primary characteristic: lubricated.

General Information				
Additive		Molybdenum Disulfide Lubricant (2%)		
Features		Lubricated		
Appearance		Natural Color		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.15	1.15	g/cm ³	ASTM D792
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength (23°C)	86.2	44.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	12	50	%	ASTM D638
Flexural Modulus (23°C)	3100	993	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	114	40.7	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact (23°C)	37	640	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	193	193	°C	
1.8 MPa, Unannealed	71.1	71.1	°C	

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Recommended distributors for this material

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