

# CP PRYME® Nylon 6 N100STL

Polyamide 6  
Chase Plastics Services Inc.

Message:

CP PRYME® Nylon 6 N100STL is a Polyamide 6 (Nylon 6) product. It is available in North America.

Characteristics include:

Good Toughness  
Lubricated

General Information				
Additive		Lubricant		
Features		Lubricated		
		Ultra High Toughness		
Appearance		Natural Color		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.06	1.06	g/cm <sup>3</sup>	ASTM D792
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength (23°C)	44.8	29.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	80	150	%	ASTM D638
Flexural Modulus (23°C)	1790	621	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	61.4	27.6	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact (23°C)	850 J/m	No Break		ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	135	135	°C	
1.8 MPa, Unannealed	51.7	51.7	°C	

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Recommended distributors for this material

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

