

## Chase Plastics CP Pryme® N100HL (Dry) Nylon 6, Heat Stabilized, Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Heat Stabilized

**Material Notes:**

Features: Heat stabilizedLubricatedForm: PelletsInformation provided by Chase Plastics.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chase-Plastics-CP-Pryme-N100HL-Dry-Nylon-6-Heat-Stabilized-Lubricated.php](http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-N100HL-Dry-Nylon-6-Heat-Stabilized-Lubricated.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ASTM D792
Water Absorption	1.6 %	1.6 %	At 24 hrs; ASTM D570
Linear Mold Shrinkage, Flow	0.0090 - 0.013 cm/cm	0.0090 - 0.013 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength at Break	82.7 MPa	12000 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Strength	110 MPa	16000 psi	ASTM D790
Flexural Modulus	3.17 GPa	460 ksi	ASTM D790
Izod Impact, Notched	0.427 J/cm	0.800 ft-lb/in	0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	216 °C	420 °F	
Deflection Temperature at 1.8 MPa (264 psi)	70.0 °C	158 °F	Unannealed; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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