

## Chase Plastics CP Pryme® N100STL (COND, 50% RH) Nylon 6, Super Toughened, Internally Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Impact Grade

**Material Notes:**

Information provided by Chase Plastics.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chase-Plastics-CP-Pryme-N100STL-COND-50-RH-Nylon-6-Super-Toughened-Internally-Lubricated.php](http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-N100STL-COND-50-RH-Nylon-6-Super-Toughened-Internally-Lubricated.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	29.0 MPa	4200 psi	ASTM D638
Elongation at Break	>= 150 %	>= 150 %	ASTM D638
Flexural Strength	27.6 MPa	4000 psi	ASTM D790
Flexural Modulus	0.621 GPa	90.0 ksi	ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 °C	275 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	51.7 °C	125 °F	ASTM D648

### Contact Songhan Plastic Technology Co.,Ltd.

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