

## Chase Plastics CP Pryme® N140MGHL (Dry) Nylon 6, 40% Glass Fiber Reinforced, Heat Stabilized, Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 40% Glass Fiber Filled

**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-N140MGHL-Dry-Nylon-6-40-Glass-Fiber-Reinforced-Heat-Stabilized-Lubricated.php](http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-N140MGHL-Dry-Nylon-6-40-Glass-Fiber-Reinforced-Heat-Stabilized-Lubricated.php)

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in <sup>3</sup>	ASTM D792
Filler Content	40 %	40 %	
Water Absorption	0.90 %	0.90 %	At 24 hrs; ASTM D570
Linear Mold Shrinkage, Flow	0.0040 cm/cm	0.0040 in/in	0.125 in; ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	110 MPa	16000 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Strength	165 MPa	24000 psi	ASTM D790
Flexural Modulus	7.58 GPa	1100 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	0.125 in; ASTM D256
Tensile Impact Strength	147 kJ/m <sup>2</sup>	70.0 ft-lb/in <sup>2</sup>	Type S; ASTM D1822

Thermal Properties	Metric	English	Comments
Melting Point	216 - 220 °C	420 - 428 °F	
Deflection Temperature at 1.8 MPa (264 psi)	200 °C	392 °F	Unannealed; ASTM D648

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

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