

Chase Plastics CP Pryme® N100M2 (Dry) Nylon 6, Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

Material Notes:

Features: DurableLubricatedForm: PelletsInformation provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-N100M2-Dry-Nylon-6-Lubricated.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ASTM D792
Water Absorption	1.9 %	1.9 %	At 24 hrs; ASTM D570
Linear Mold Shrinkage, Flow	0.015 cm/cm	0.015 in/in	0.125 in; ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	75.8 MPa	11000 psi	ASTM D638
Elongation at Break	13 %	13 %	ASTM D638
Flexural Strength	114 MPa	16500 psi	ASTM D790
Flexural Modulus	2.96 GPa	430 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	62.8 °C	145 °F	Unannealed; ASTM D648

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