

Chase Plastics CP Pryme® NN100M2 (Dry) Nylon 66, Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , Unreinforced

Material Notes:

Features: Good chemical resistanceFast cycleDurableLubricatedSolvent resistantInjection moldingForm: PelletsInformation provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-NN100M2-Dry-Nylon-66-Lubricated.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ASTM D792
Water Absorption	1.1 %	1.1 %	At 24 hrs; ASTM D570
Linear Mold Shrinkage, Flow	0.014 cm/cm	0.014 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	79.3 MPa	11500 psi	ASTM D638
Elongation at Break	7.5 %	7.5 %	ASTM D638
Flexural Strength	96.5 MPa	14000 psi	ASTM D790
Flexural Modulus	2.55 GPa	370 ksi	ASTM D790
Izod Impact, Notched	0.374 J/cm	0.700 ft-lb/in	0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	255 °C	491 °F	
Deflection Temperature at 1.8 MPa (264 psi)	87.8 °C	190 °F	Unannealed; ASTM D648

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