

Chase Plastics CP Pryme® NN100L (COND, 50% RH) Nylon 66, Internally Lubricated

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

Material Notes:

Information provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-NN100L-COND-50-RH-Nylon-66-Internally-Lubricated.php

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	65.5 MPa	9500 psi	ASTM D638
Elongation at Break	>= 150 %	>= 150 %	ASTM D638
Flexural Strength	42.1 MPa	6100 psi	ASTM D790
Flexural Modulus	1.10 GPa	160 ksi	ASTM D790
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	232 °C	450 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	82.2 °C	180 °F	ASTM D648

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