

Chase Plastics CP Pryme® N100MD2 (COND, 50% RH) Nylon 6 with 2% MoS2 Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, MoS2 Filled

Material Notes:

Information provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-N100MD2-COND-50-RH-Nylon-6-with-2-MoS2-Lubricated.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	44.8 MPa	6500 psi	ASTM D638
Elongation at Break	>= 50 %	>= 50 %	ASTM D638
Flexural Strength	40.7 MPa	5900 psi	ASTM D790
Flexural Modulus	0.993 GPa	144 ksi	ASTM D790
Izod Impact, Notched	6.41 J/cm	12.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	193 °C	380 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	71.1 °C	160 °F	ASTM D648

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