

Chase Plastics CP Pryme® N100HSL (COND, 50% RH) Nylon 6, Heat Stabilized, Internally Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Heat Stabilized

Material Notes:

Information provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-N100HSL-COND-50-RH-Nylon-6-Heat-Stabilized-Internally-Lubricated.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	45.5 MPa	6600 psi	ASTM D638
Elongation at Break	150 %	150 %	ASTM D638
Flexural Strength	43.4 MPa	6300 psi	ASTM D790
Flexural Modulus	0.889 GPa	129 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	182 °C	360 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	71.1 °C	160 °F	ASTM D648

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