

Chase Plastics CP Pryme® N100STL (DAM) Nylon 6, Super Toughened, Internally Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Impact Grade

Material Notes:

Information provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-N100STL-DAM-Nylon-6-Super-Toughened-Internally-Lubricated.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	44.8 MPa	6500 psi	ASTM D638
Elongation at Break	80 %	80 %	ASTM D638
Flexural Strength	61.4 MPa	8900 psi	ASTM D790
Flexural Modulus	0.179 GPa	26.0 ksi	ASTM D790
Izod Impact, Notched	8.54 J/cm	16.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 °C	275 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	51.7 °C	125 °F	ASTM D648

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