

Chase Plastics CP Pryme® NN100STL (DAM) Nylon 66, Super Toughened, Internally Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 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-NN100STL-DAM-Nylon-66-Super-Toughened-Internally-Lubricated.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	43.4 MPa	6300 psi	ASTM D638
Elongation at Break	140 %	140 %	ASTM D638
Flexural Strength	55.2 MPa	8000 psi	ASTM D790
Flexural Modulus	1.38 GPa	200 ksi	ASTM D790
Izod Impact, Notched	10.1 J/cm	19.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	143 °C	290 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	57.2 °C	135 °F	ASTM D648

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