

Chase Plastics CP Pryme® N300STL (DAM) Nylon 6 (Utility Grade), 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-N300STL-DAM-Nylon-6-Utility-Grade-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	41.4 MPa	6000 psi	ASTM D638
Elongation at Break	60 %	60 %	ASTM D638
Flexural Strength	55.2 MPa	8000 psi	ASTM D790
Flexural Modulus	1.72 GPa	250 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 1.8 MPa (264 psi)	57.2 °C	135 °F	ASTM D648

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