

Chase Plastics CP Pryme® NN300HL (Dry) Nylon 66, Heat Stabilized, Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Heat Stabilized

Material Notes:

Features: General purposeHeat stabilizedLubricatedForm: PelletsInformation provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-NN300HL-Dry-Nylon-66-Heat-Stabilized-Lubricated.php

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in ³	ASTM D792
Water Absorption	1.2 %	1.2 %	At 24 hrs; ASTM D570
Linear Mold Shrinkage, Flow	0.013 - 0.015 cm/cm	0.013 - 0.015 in/in	0.125 in; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	115	115	ASTM D785
Tensile Strength at Break	79.3 MPa	11500 psi	ASTM D638
Elongation at Break	25 %	25 %	ASTM D638
Flexural Strength	96.5 MPa	14000 psi	ASTM D790
Flexural Modulus	2.83 GPa	410 ksi	ASTM D790
Izod Impact, Notched	0.374 J/cm	0.700 ft-lb/in	0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	255 °C	491 °F	
Deflection Temperature at 1.8 MPa (264 psi)	75.0 °C	167 °F	Unannealed; ASTM D648

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