

Chase Plastics CP Pryme® NN333L (Dry) Nylon 66, 33% Glass Fiber Reinforced, Lubricated, Recycled Content

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

Features: Lubricated Recycled Content Form: Pellets Information provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-NN333L-Dry-Nylon-66-33-Glass-Fiber-Reinforced-Lubricated-Recycled-Content.php

Physical Properties	Metric	English	Comments
Density	1.38 g/cc	0.0499 lb/in ³	ASTM D792
Filler Content	33 %	33 %	
Water Absorption	0.70 %	0.70 %	At 24 hrs; ASTM D570
Linear Mold Shrinkage, Flow	0.0030 cm/cm	0.0030 in/in	0.125 in; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	99	99	ASTM D785
Tensile Strength at Break	148 MPa	21500 psi	ASTM D638
Elongation at Break	2.5 %	2.5 %	ASTM D638
Flexural Strength	234 MPa	34000 psi	ASTM D790
Flexural Modulus	8.27 GPa	1200 ksi	ASTM D790
Tensile Impact Strength	2.94 kJ/m ²	1.40 ft-lb/in ²	0.125 in; ASTM D1822

Thermal Properties	Metric	English	Comments
Melting Point	255 °C	491 °F	
Deflection Temperature at 1.8 MPa (264 psi)	249 °C	480 °F	Unannealed; ASTM D648

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