

Chase Plastics CP Pryme® NN133L (Dry) Nylon 66, 33% Glass Fiber Reinforced, Lubricated

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

Material Notes:

Features: Good chemical resistanceGrease resistantLubricatedOil resistantHigh rigiditySolvent resistantHigh tensile strengthForm:
PelletsApplications: Automotive under the hoodInformation provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-NN133L-Dry-Nylon-66-33-Glass-Fiber-Reinforced-Lubricated.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	0.0020 cm/cm	0.0020 in/in	0.125 in; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	99	99	ASTM D785
Tensile Strength at Break	200 MPa	29000 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Strength	283 MPa	41000 psi	ASTM D790
Flexural Modulus	9.31 GPa	1350 ksi	ASTM D790
Izod Impact, Notched	1.76 J/cm	3.30 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)	250 °C	482 °F	Unannealed; ASTM D648

Descriptive Properties	Value	Comments
Appearance	Black	

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