

Chase Plastics CP Pryme® NN313L (Dry) Nylon 66, 13% Glass Fiber Reinforced, Lubricated, Recycled Content

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% 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-NN313L-Dry-Nylon-66-13-Glass-Fiber-Reinforced-Lubricated-Recycled-Content.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	ASTM D792
Filler Content	13 %	13 %	
Linear Mold Shrinkage, Flow	0.0050 cm/cm	0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	121	121	ASTM D785
Tensile Strength at Break	117 MPa	17000 psi	ASTM D638
Elongation at Break	4.5 %	4.5 %	ASTM D638
Flexural Strength	165 MPa	24000 psi	ASTM D790
Flexural Modulus	4.96 GPa	720 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	261 °C	501 °F	
Deflection Temperature at 1.8 MPa (264 psi)	241 °C	465 °F	Unannealed; ASTM D648

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