

Chase Plastics CP Pryme® N310L (Dry) Nylon 6, 10% Glass Fiber Reinforced, Lubricated, Recycled Content

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 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-N310L-Dry-Nylon-6-10-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	10 %	10 %	
Water Absorption	1.7 %	1.7 %	At 24 hrs; ASTM D570
Linear Mold Shrinkage, Flow	0.0050 cm/cm	0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	96.5 MPa	14000 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Strength	152 MPa	22000 psi	ASTM D790
Flexural Modulus	4.69 GPa	680 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
Deflection Temperature at 0.46 MPa (66 psi)	210 °C	410 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	202 °C	395 °F	Unannealed; ASTM D648

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