

Chase Plastics CP Pryme® N120L (Dry) Nylon 6, 20% Glass Fiber Reinforced, Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 20% Glass Fiber Filled

Material Notes:

Features: LubricatedForm: PelletsInformation provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-N120L-Dry-Nylon-6-20-Glass-Fiber-Reinforced-Lubricated.php

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in ³	ASTM D792
Filler Content	20 %	20 %	
Water Absorption	1.4 %	1.4 %	At 24 hrs; ASTM D570
Linear Mold Shrinkage, Flow	0.0040 cm/cm	0.0040 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	134 MPa	19500 psi	ASTM D638
Elongation at Break	3.5 %	3.5 %	ASTM D638
Flexural Strength	207 MPa	30000 psi	ASTM D790
Flexural Modulus	6.89 GPa	1000 ksi	ASTM D790
Izod Impact, Notched	0.854 J/cm	1.60 ft-lb/in	0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	213 °C	415 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	204 °C	400 °F	Unannealed; ASTM D648

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