

Chase Plastics CP Pryme® N130L Nylon 6, 30% Glass Fiber Reinforced, Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 30% Glass Fiber Filled

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-N130L-Nylon-6-30-Glass-Fiber-Reinforced-Lubricated.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ASTM D792
Filler Content	30 %	30 %	
Water Absorption	1.3 %	1.3 %	At 24 hrs; ASTM D570
Linear Mold Shrinkage, Flow	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	176 MPa	25500 psi	ASTM D638
Elongation at Break	2.2 %	2.2 %	ASTM D638
Flexural Strength	276 MPa	40000 psi	ASTM D790
Flexural Modulus	9.65 GPa	1400 ksi	ASTM D790
Izod Impact, Notched	1.44 J/cm	2.70 ft-lb/in	0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	216 °C	420 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	Unannealed; ASTM D648

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