

Chase Plastics CP Pryme® N340HL (Dry) Nylon 6, 40% Glass Fiber Reinforced, Heat Stabilized, Lubricated, Recycled Content

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 40% Glass Fiber Filled

Material Notes:

Features: Heat stabilizedLubricatedRecycled contentForm: PelletsInformation provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-N340HL-Dry-Nylon-6-40-Glass-Fiber-Reinforced-Heat-Stabilized-Lubricated-Recycled-Content.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	ASTM D792
Filler Content	40 %	40 %	
Linear Mold Shrinkage, Flow	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell E	60	60	ASTM D785
Tensile Strength at Break	193 MPa	28000 psi	ASTM D638
Elongation at Break	1.0 %	1.0 %	ASTM D638
Flexural Strength	283 MPa	41000 psi	ASTM D790
Flexural Modulus	11.7 GPa	1700 ksi	ASTM D790
Izod Impact, Notched	1.33 J/cm	2.50 ft-lb/in	0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	216 °C	420 °F	
Deflection Temperature at 1.8 MPa (264 psi)	218 °C	425 °F	Unannealed; ASTM D648

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