

Suzhou Hipro Polymers Hiprolon® 70 NN Nylon 610, dry

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Nylon , Nylon 610

Material Notes:

Hiprolon® 70 NN is medium viscosity polyamide 6.10 containing a bio-renewable resource. Features: low density, low water absorption, high dimension stability, high notched impact resistance, good chemical resistance. It is widely used as a resin for further compounding, general injection molding and extrusion. Information provided by Suzhou Hipro Polymers Co. Ltd

Order this product through the following link:

http://www.lookpolymers.com/polymer_Suzhou-Hipro-Polymers-Hiprolon-70-NN-Nylon-610-dry.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	ISO 1183
Water Absorption	1.4 %	1.4 %	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	62.0 MPa	8990 psi	ISO 527-1/-2
Elongation at Break	>= 50 %	>= 50 %	ISO 527-2/1A
Tensile Modulus	2.30 GPa	334 ksi	ISO 527-1/-2
Flexural Modulus	1.90 GPa	276 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	222 Â°C	432 Â°F	ISO 11357-3
Deflection Temperature at 1.8 MPa (264 psi)	60.0 Â°C	140 Â°F	ISO 75-1/2

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