

## Suzhou Hipro Polymers Hiprolon® 400 NN Nylon, conditioned

Category : Polymer , Thermoplastic , Nylon

### Material Notes:

Hiprolon® 400 NN is a medium viscosity specialty polyamide. Features: low density, low water absorption, high dimension stability, high notched impact resistance in large temperature ranges, and good chemical resistance. It is widely used as a neat resin for compounding, general injection molding process, tubing or film extrusion, and powder coating et al. Information provided by Suzhou Hipro Polymers Co. Ltd

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Suzhou-Hipro-Polymers-Hiprolon-400-NN-Nylon-conditioned.php](http://www.lookpolymers.com/polymer_Suzhou-Hipro-Polymers-Hiprolon-400-NN-Nylon-conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in <sup>3</sup>	ISO 1183
Water Absorption	0.45 %	0.45 %	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	ISO 527-1/-2
Elongation at Break	>= 50 %	>= 50 %	ISO 527-2/1A
Tensile Modulus	1.10 GPa	160 ksi	ISO 527-1/-2
Flexural Modulus	1.10 GPa	160 ksi	ISO 178
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	1.10 J/cm <sup>2</sup>	5.23 ft-lb/in <sup>2</sup>	ISO 179/1eA
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	1.40 J/cm <sup>2</sup>	6.66 ft-lb/in <sup>2</sup>	ISO 179/1eA
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	190 °C	374 °F	ISO 11357-1/-2

## **Contact Songhan Plastic Technology Co.,Ltd.**

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