

## Wellman Wellamid® 42LH-NBK1 General Purpose Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

**Material Notes:**

Description: General Purpose Nylon 6 Information provided by Wellman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wellman-Wellamid-42LH-NBK1-General-Purpose-Nylon-6.php](http://www.lookpolymers.com/polymer_Wellman-Wellamid-42LH-NBK1-General-Purpose-Nylon-6.php)

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in <sup>3</sup>	ISO 1183-87
Linear Mold Shrinkage, Flow	0.012 - 0.016 cm/cm	0.012 - 0.016 in/in	ISO DIS 294-4
Linear Mold Shrinkage, Transverse	0.013 - 0.017 cm/cm	0.013 - 0.017 in/in	ISO DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	75.0 MPa	10900 psi	ISO 527-93
Elongation at Break	45 %	45 %	ISO 527-93
Flexural Strength	95.0 MPa	13800 psi	ISO 178-93
Flexural Modulus	2.60 GPa	377 ksi	ISO 178-93
Izod Impact, Notched (ISO)	5.00 kJ/m <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	ISO 180-93

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ISO 3146
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	ISO 75-93

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

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