

## Wellman Wellamid® XT1482-WT1 High Impact Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Impact Grade

**Material Notes:**

Description: High Impact Nylon 66 Information provided by Wellman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wellman-Wellamid-XT1482-WT1-High-Impact-Nylon-66.php](http://www.lookpolymers.com/polymer_Wellman-Wellamid-XT1482-WT1-High-Impact-Nylon-66.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ISO 1183-87
Linear Mold Shrinkage, Flow	0.016 - 0.020 cm/cm	0.016 - 0.020 in/in	ISO DIS 294-4
Linear Mold Shrinkage, Transverse	0.016 - 0.020 cm/cm	0.016 - 0.020 in/in	ISO DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	45.0 MPa	6530 psi	ISO 527-93
Elongation at Break	95 %	95 %	ISO 527-93
Flexural Strength	60.0 MPa	8700 psi	ISO 178-93
Flexural Modulus	1.60 GPa	232 ksi	ISO 178-93
Izod Impact, Notched (ISO)	45.0 kJ/m <sup>2</sup>	21.4 ft-lb/in <sup>2</sup>	ISO 180-93

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ISO 3146
Deflection Temperature at 1.8 MPa (264 psi)	50.0 °C	122 °F	ISO 75-93

## Contact Songhan Plastic Technology Co.,Ltd.

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