

## Wellman Wellamid® GFT13-66 XE-WT1 13% Glass Filled, Toughened Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Glass Fiber Filled

**Material Notes:**

Description: Glass Filled, Toughened Nylon 66 Information provided by Wellman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wellman-Wellamid-GFT13-66-XE-WT1-13-Glass-Filled-Toughened-Nylon-66.php](http://www.lookpolymers.com/polymer_Wellman-Wellamid-GFT13-66-XE-WT1-13-Glass-Filled-Toughened-Nylon-66.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in <sup>3</sup>	ISO 1183-87
Filler Content	13 %	13 %	
Linear Mold Shrinkage, Flow	0.0080 - 0.012 cm/cm	0.0080 - 0.012 in/in	ISO DIS 294-4
Linear Mold Shrinkage, Transverse	0.010 - 0.014 cm/cm	0.010 - 0.014 in/in	ISO DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	85.0 MPa	12300 psi	ISO 527-93
Elongation at Break	4.0 %	4.0 %	ISO 527-93
Flexural Strength	125 MPa	18100 psi	ISO 178-93
Flexural Modulus	4.70 GPa	682 ksi	ISO 178-93
Izod Impact, Notched (ISO)	7.00 kJ/m <sup>2</sup>	3.33 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)	235 °C	455 °F	ISO 75-93

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

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