

## Wellman Wellamid® GF1701-N1 5% Glass Fiber Reinforced, Engineering Grade Nylon 66

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

**Material Notes:**

Description: Glass Fiber Reinforced, Engineering Grade Nylon 66 Information provided by Wellman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wellman-Wellamid-GF1701-N1-5-Glass-Fiber-Reinforced-Engineering-Grade-Nylon-66.php](http://www.lookpolymers.com/polymer_Wellman-Wellamid-GF1701-N1-5-Glass-Fiber-Reinforced-Engineering-Grade-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	5 %	5 %	
Linear Mold Shrinkage, Flow	0.0050 - 0.0090 cm/cm	0.0050 - 0.0090 in/in	ISO DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	100 MPa	14500 psi	ISO 527-93
Elongation at Break	3.0 %	3.0 %	ISO 527-93
Flexural Strength	145 MPa	21000 psi	ISO 178-93
Flexural Modulus	4.30 GPa	624 ksi	ISO 178-93
Izod Impact, Notched (ISO)	3.00 kJ/m <sup>2</sup>	1.43 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)	220 °C	428 °F	ISO 75-93

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

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