

## Wellman Wellamid® GFX1356-BK01 20% Glass Fiber Reinforced, Lubricated Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 20% Glass Fiber Filled

**Material Notes:**

Description: Glass Fiber Reinforced, Lubricated Nylon 6 Information provided by Wellman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wellman-Wellamid-GFX1356-BK01-20-Glass-Fiber-Reinforced-Lubricated-Nylon-6.php](http://www.lookpolymers.com/polymer_Wellman-Wellamid-GFX1356-BK01-20-Glass-Fiber-Reinforced-Lubricated-Nylon-6.php)

Physical Properties	Metric	English	Comments
Density	1.28 g/cc	0.0462 lb/in <sup>3</sup>	ISO 1183-87
Filler Content	20 %	20 %	
Linear Mold Shrinkage, Flow	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	ISO DIS 294-4
Linear Mold Shrinkage, Transverse	0.0080 - 0.012 cm/cm	0.0080 - 0.012 in/in	ISO DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	125 MPa	18100 psi	ISO 527-93
Elongation at Break	2.5 %	2.5 %	ISO 527-93
Flexural Strength	185 MPa	26800 psi	ISO 178-93
Flexural Modulus	6.30 GPa	914 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)	200 °C	392 °F	ISO 75-93

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

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