

## Wellman Wellamid® MRGFX1716-BK1 40% Mineral/Glass Reinforced, Silicone Lubricated Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Glass/Mineral Reinforced

**Material Notes:**

Description: Mineral/Glass Reinforced, Silicone Lubricated Nylon 6 Information provided by Wellman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wellman-Wellamid-MRGFX1716-BK1-40-MineralGlass-Reinforced-Silicone-Lubricated-Nylon-6.php](http://www.lookpolymers.com/polymer_Wellman-Wellamid-MRGFX1716-BK1-40-MineralGlass-Reinforced-Silicone-Lubricated-Nylon-6.php)

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/in <sup>3</sup>	ISO 1183-87
Filler Content	40 %	40 %	
Linear Mold Shrinkage, Flow	0.0040 - 0.0050 cm/cm	0.0040 - 0.0050 in/in	ISO DIS 294-4
Linear Mold Shrinkage, Transverse	0.0090 - 0.010 cm/cm	0.0090 - 0.010 in/in	ISO DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	97.0 MPa	14100 psi	ISO 527-93
Elongation at Break	3.0 %	3.0 %	ISO 527-93
Flexural Strength	150 MPa	21800 psi	ISO 178-93
Flexural Modulus	8.40 GPa	1220 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	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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