

## Wellman Wellamid® MRGF1647-BK1 Nylon 66, 40% Mineral/Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass/Mineral Filled

**Material Notes:**

All information provided by Wellman Engineered Resins.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wellman-Wellamid-MRGF1647-BK1-Nylon-66-40-MineralGlass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_Wellman-Wellamid-MRGF1647-BK1-Nylon-66-40-MineralGlass-Fiber-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in <sup>3</sup>	ISO 1183-87
Linear Mold Shrinkage, Flow	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	DIS 294-4
Linear Mold Shrinkage, Transverse	0.0090 - 0.013 cm/cm	0.0090 - 0.013 in/in	DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	165 MPa	23900 psi	ISO 527-93
Elongation at Break	2.0 %	2.0 %	ISO 527-93
Flexural Strength	240 MPa	34800 psi	ISO 178-93
Flexural Modulus	11.4 GPa	1650 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)	240 °C	464 °F	ISO 75-93

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

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