

## Wellman Wellamid® MRB40K004-WT1 40% Mineral Reinforced Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 40% Mineral Filled

**Material Notes:**

Description: Mineral Reinforced Nylon 66 Information provided by Wellman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wellman-Wellamid-MRB40K004-WT1-40-Mineral-Reinforced-Nylon-66.php](http://www.lookpolymers.com/polymer_Wellman-Wellamid-MRB40K004-WT1-40-Mineral-Reinforced-Nylon-66.php)

Physical Properties	Metric	English	Comments
Density	1.52 g/cc	0.0549 lb/in <sup>3</sup>	ISO 1183-87
Filler Content	40 %	40 %	
Linear Mold Shrinkage, Flow	0.011 - 0.015 cm/cm	0.011 - 0.015 in/in	ISO DIS 294-4
Linear Mold Shrinkage, Transverse	0.016 - 0.020 cm/cm	0.016 - 0.020 in/in	ISO DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	92.0 MPa	13300 psi	ISO 527-93
Elongation at Break	4.0 %	4.0 %	ISO 527-93
Flexural Strength	145 MPa	21000 psi	ISO 178-93
Flexural Modulus	6.10 GPa	885 ksi	ISO 178-93
Izod Impact, Notched (ISO)	3.90 kJ/m <sup>2</sup>	1.86 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)	145 °C	293 °F	ISO 75-93

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

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