

## Wellman Wellamid® MRGF30/10 42H-NBK1 Nylon 6, 30% Mineral and 10% Glass Reinforced

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

**Material Notes:**

All information provided by Wellman Engineered Resins.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wellman-Wellamid-MRGF3010-42H-NBK1-Nylon-6-30-Mineral-and-10-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Wellman-Wellamid-MRGF3010-42H-NBK1-Nylon-6-30-Mineral-and-10-Glass-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 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	0.0080 - 0.012 cm/cm	0.0080 - 0.012 in/in	DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	95.0 MPa	13800 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	9.00 GPa	1310 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)	195 °C	383 °F	ISO 75-93
Flammability, UL94	HB @Thickness 0.750 mm	HB @Thickness 0.0295 in	

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

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