

## Wellman EcoLon® MRGF1882-BK1(GPE) Nylon 66, 40% Mineral and Glass 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-EcoLon-MRGF1882-BK1GPE-Nylon-66-40-Mineral-and-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Wellman-EcoLon-MRGF1882-BK1GPE-Nylon-66-40-Mineral-and-Glass-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.53 g/cc	0.0553 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	0.0070 - 0.011 cm/cm	0.0070 - 0.011 in/in	DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	115 MPa	16700 psi	ISO 527-93
Elongation at Break	1.9 %	1.9 %	ISO 527-93
Flexural Strength	165 MPa	23900 psi	ISO 178-93
Flexural Modulus	9.20 GPa	1330 ksi	ISO 178-93
Izod Impact, Notched (ISO)	6.50 kJ/m <sup>2</sup>	3.09 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)	215 °C	419 °F	ISO 75-93

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

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