

## Wellman EcoLon® MRGF1518-BK3 38% Mineral/Glass Reinforced Post Consumer Compound Nylon 66

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

**Material Notes:**

Description: Mineral/Glass Reinforced Post Consumer Compound Nylon 66 Information provided by Wellman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wellman-EcoLon-MRGF1518-BK3-38-MineralGlass-Reinforced-Post-Consumer-Compound-Nylon-66.php](http://www.lookpolymers.com/polymer_Wellman-EcoLon-MRGF1518-BK3-38-MineralGlass-Reinforced-Post-Consumer-Compound-Nylon-66.php)

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/in <sup>3</sup>	ISO 1183-87
Filler Content	38 %	38 %	
Linear Mold Shrinkage, Flow	0.0081 cm/cm	0.0081 in/in	ISO DIS 294-4
Linear Mold Shrinkage, Transverse	0.0094 cm/cm	0.0094 in/in	ISO 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	5.70 GPa	827 ksi	ISO 178-93
Izod Impact, Notched (ISO)	2.60 kJ/m <sup>2</sup>	1.24 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)	195 °C	383 °F	ISO 75-93

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

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