

## Wellman Wellpet® GF100-BK1 PET, 30% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), 30% Glass Reinforced

### Material Notes:

Typical data obtained from injection molded test bars, tested dry as molded at 73°F (23°C). Information provided by Wellman, Inc. Engineering Resins Division.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wellman-Wellpet-GF100-BK1-PET-30-Glass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_Wellman-Wellpet-GF100-BK1-PET-30-Glass-Fiber-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.55 g/cc	0.0560 lb/in <sup>3</sup>	ISO 1183-87
Linear Mold Shrinkage	0.0010 - 0.0030 cm/cm	0.0010 - 0.0030 in/in	
Linear Mold Shrinkage, Transverse	0.0060 - 0.0070 cm/cm	0.0060 - 0.0070 in/in	DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	135 MPa	19600 psi	ISO 527-93
Elongation at Break	2.0 %	2.0 %	ISO 527-93
Flexural Yield Strength	190 MPa	27600 psi	ISO 178-93
Flexural Modulus	9.80 GPa	1420 ksi	ISO 178-93
Izod Impact, Notched	0.850 J/cm	1.59 ft-lb/in	ISO 180-93

Thermal Properties	Metric	English	Comments
Melting Point	250 °C	482 °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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