

## Wellman Wellpet® PR118-N2 Unfilled Polyester PET

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), Unreinforced

**Material Notes:**

Description: Unfilled Polyester PET Information provided by Wellman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wellman-Wellpet-PR118-N2-Unfilled-Polyester-PET.php](http://www.lookpolymers.com/polymer_Wellman-Wellpet-PR118-N2-Unfilled-Polyester-PET.php)

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in <sup>3</sup>	ISO 1183-87
Linear Mold Shrinkage, Flow	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	ISO DIS 294-4
Linear Mold Shrinkage, Transverse	0.0030 - 0.0070 cm/cm	0.0030 - 0.0070 in/in	ISO DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	55.0 MPa	7980 psi	ISO 527-93
Elongation at Break	600 %	600 %	ISO 527-93
Flexural Strength	70.0 MPa	10200 psi	ISO 178-93
Flexural Modulus	2.40 GPa	348 ksi	ISO 178-93
Izod Impact, Notched (ISO)	3.50 kJ/m <sup>2</sup>	1.67 ft-lb/in <sup>2</sup>	ISO 180-93

Thermal Properties	Metric	English	Comments
Melting Point	245 °C	473 °F	ISO 3146
Deflection Temperature at 1.8 MPa (264 psi)	65.0 °C	149 °F	ISO 75-93

## Contact Songhan Plastic Technology Co.,Ltd.

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