

Wellman Wellamid® NY1875-BK1 Nylon 66, Unfilled

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced

Material Notes:

All information provided by Wellman Engineered Resins.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wellman-Wellamid-NY1875-BK1-Nylon-66-Unfilled.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ISO 1183-87
Linear Mold Shrinkage, Flow	0.016 - 0.020 cm/cm	0.016 - 0.020 in/in	DIS 294-4
Linear Mold Shrinkage, Transverse	0.018 - 0.022 cm/cm	0.018 - 0.022 in/in	DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	75.0 MPa	10900 psi	ISO 527-93
Elongation at Break	15 %	15 %	ISO 527-93
Flexural Strength	90.0 MPa	13100 psi	ISO 178-93
Flexural Modulus	2.70 GPa	392 ksi	ISO 178-93
Izod Impact, Notched (ISO)	5.00 kJ/m ²	2.38 ft-lb/in ²	ISO 180-93

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ISO 3146
Deflection Temperature at 1.8 MPa (264 psi)	65.0 °C	149 °F	ISO 75-93

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