

Wellman Wellamid® NY1599-GY Unfilled Nylon 66

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

Material Notes:

Description: Unfilled Nylon 66 Information provided by Wellman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wellman-Wellamid-NY1599-GY-Unfilled-Nylon-66.php

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0419 lb/in ³	ISO 1183-87
Linear Mold Shrinkage, Flow	0.011 - 0.013 cm/cm	0.011 - 0.013 in/in	ISO DIS 294-4
Linear Mold Shrinkage, Transverse	0.011 - 0.013 cm/cm	0.011 - 0.013 in/in	ISO DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	80.0 MPa	11600 psi	ISO 527-93
Elongation at Break	8.0 %	8.0 %	ISO 527-93
Flexural Strength	110 MPa	16000 psi	ISO 178-93
Flexural Modulus	2.90 GPa	421 ksi	ISO 178-93
Izod Impact, Notched (ISO)	4.00 kJ/m ²	1.90 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)	70.0 °C	158 °F	ISO 75-93

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