

Wellman Wellamid® GF33A099-HRN Nylon 66, 33% Glass Reinforced, Hydrolysis Resistant

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

All information provided by Wellman Engineered Resins.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wellman-Wellamid-GF33A099-HRN-Nylon-66-33-Glass-Reinforced-Hydrolysis-Resistant.php

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in ³	ISO 1183-87
Linear Mold Shrinkage, Flow	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	DIS 294-4
Linear Mold Shrinkage, Transverse	0.0090 - 0.013 cm/cm	0.0090 - 0.013 in/in	DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	190 MPa	27600 psi	ISO 527-93
Elongation at Break	3.0 %	3.0 %	ISO 527-93
Flexural Strength	270 MPa	39200 psi	ISO 178-93
Flexural Modulus	9.70 GPa	1410 ksi	ISO 178-93
Izod Impact, Notched (ISO)	12.0 kJ/m ²	5.71 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)	250 °C	482 °F	ISO 75-93

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