

Wellman Wellamid® GFT1702-WBK1 33% Glass Fiber Reinforced, Impact Modified and Weatherable Nylon 66

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

Material Notes:

Description: Glass Fiber Reinforced, Impact Modified and Weatherable Nylon 66 Information provided by Wellman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wellman-Wellamid-GFT1702-WBK1-33-Glass-Fiber-Reinforced-Impact-Modified-and-Weatherable-Nylon-66.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	ISO 1183-87
Filler Content	33 %	33 %	
Linear Mold Shrinkage, Flow	0.0030 - 0.0040 cm/cm	0.0030 - 0.0040 in/in	ISO DIS 294-4
Linear Mold Shrinkage, Transverse	0.0090 - 0.010 cm/cm	0.0090 - 0.010 in/in	ISO DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	130 MPa	18900 psi	ISO 527-93
Elongation at Break	2.5 %	2.5 %	ISO 527-93
Flexural Strength	190 MPa	27600 psi	ISO 178-93
Flexural Modulus	7.50 GPa	1090 ksi	ISO 178-93
Izod Impact, Notched (ISO)	14.0 kJ/m ²	6.66 ft-lb/in ²	ISO 180-93

Thermal Properties	Metric	English	Comments
Melting Point	160 °C	320 °F	ISO 3146
Deflection Temperature at 1.8 MPa (264 psi)	235 °C	455 °F	ISO 75-93

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