

Wellman Wellamid® MRGF25/15 22H-NBK1 40% Mineral/Glass Reinforced Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass/Mineral Filled

Material Notes:

Description: Mineral/Glass Reinforced Nylon 66 Information provided by Wellman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wellman-Wellamid-MRGF2515-22H-NBK1-40-MineralGlass-Reinforced-Nylon-66.php

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in ³	ISO 1183-87
Filler Content	40 %	40 %	
Linear Mold Shrinkage, Flow	0.0025 - 0.0055 cm/cm	0.0025 - 0.0055 in/in	ISO DIS 294-4
Linear Mold Shrinkage, Transverse	0.0070 - 0.010 cm/cm	0.0070 - 0.010 in/in	ISO DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	100 MPa	14500 psi	ISO 527-93
Elongation at Break	3.0 %	3.0 %	ISO 527-93
Flexural Strength	165 MPa	23900 psi	ISO 178-93
Flexural Modulus	8.85 GPa	1280 ksi	ISO 178-93
Izod Impact, Notched (ISO)	4.20 kJ/m ²	2.00 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)	215 °C	419 °F	ISO 75-93

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