

Wellman Wellamid® MR409 22H-GY1 Nylon 66, 40% Mineral Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Mineral Filled

Material Notes:

All information provided by Wellman Engineered Resins.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wellman-Wellamid-MR409-22H-GY1-Nylon-66-40-Mineral-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/in ³	ISO 1183-87
Linear Mold Shrinkage, Flow	0.013 - 0.017 cm/cm	0.013 - 0.017 in/in	DIS 294-4
Linear Mold Shrinkage, Transverse	0.012 - 0.015 cm/cm	0.012 - 0.015 in/in	DIS 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	85.0 MPa	12300 psi	ISO 527-93
Elongation at Break	7.0 %	7.0 %	ISO 527-93
Flexural Strength	125 MPa	18100 psi	ISO 178-93
Flexural Modulus	5.30 GPa	769 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)	110 °C	230 °F	ISO 75-93

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