

## Wellman Wellamid® GFT33N051-N2 33% Impact Modified Glass Reinforced Nylon 66/6, Lubricated & Heat Stabilized &n

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66 , Nylon 66/Nylon 6 Blend, Glass Fiber Filled

### Material Notes:

Typical Applications: Machinery gear trains and linkage, conveyor belt links, fasteners, auto under hood and door parts, automotive door handles, appliance parts, sporting goods, lawn and garden equipment. Data provided by the manufacturer, Wellman Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wellman-Wellamid-GFT33N051-N2-33-Impact-Modified-Glass-Reinforced-Nylon-666-Lubricated-Heat-Stabilized-n.php](http://www.lookpolymers.com/polymer_Wellman-Wellamid-GFT33N051-N2-33-Impact-Modified-Glass-Reinforced-Nylon-666-Lubricated-Heat-Stabilized-n.php)

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in <sup>3</sup>	ISO 1183
Water Absorption	1.2 %	1.2 %	Approximate 24 hr.
Linear Mold Shrinkage	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	ISO 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	155 MPa	22500 psi	ISO 527
Elongation at Break	3.0 %	3.0 %	ISO 527
Flexural Yield Strength	225 MPa	32600 psi	ISO 178
Flexural Modulus	8.20 GPa	1190 ksi	ISO 178
Izod Impact, Notched	1.30 J/cm	2.44 ft-lb/in	ISO 180

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	235 °C	455 °F	ISO 75
Flammability, UL94	HB @Thickness 0.790 mm	HB @Thickness 0.0311 in	From Wellman QC Laboratory Testing; UL 94

## Contact Songhan Plastic Technology Co.,Ltd.

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