

## BASF Ultramid® N-276 NF3001 40% Glass/Mineral Filled PA66 (Dry)

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

### Material Notes:

Ultramid N-276 NF3001 is a 40% mineral/glass reinforced, heat stabilized injection molding nylon 6/6.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-N-276-NF3001-40-GlassMineral-Filled-PA66-Dry.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-N-276-NF3001-40-GlassMineral-Filled-PA66-Dry.php)

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	135 MPa	19600 psi	5mm/min; ISO 527
Elongation at Break	3.0 %	3.0 %	5mm/min; ISO 527
Tensile Modulus	10.8 GPa	1570 ksi	1mm/min; ISO 527
Flexural Modulus	6.90 GPa	1000 ksi	ASTM Test
	9.80 GPa	1420 ksi	ISO Data
Izod Impact, Notched (ISO)	4.20 kJ/m <sup>2</sup>	2.00 ft-lb/in <sup>2</sup>	ISO Test
Charpy Impact Unnotched	4.50 J/cm <sup>2</sup>	21.4 ft-lb/in <sup>2</sup>	ISO 179
	4.00 J/cm <sup>2</sup>	19.0 ft-lb/in <sup>2</sup>	ISO 179
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	0.380 J/cm <sup>2</sup>	1.81 ft-lb/in <sup>2</sup>	ISO 179
	0.350 J/cm <sup>2</sup>	1.67 ft-lb/in <sup>2</sup>	ISO 179
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	257 °C	495 °F	10 K/min
	257 °C	495 °F	ASTM Test
Deflection Temperature at 0.46 MPa (66 psi)	255 °C	491 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	241 °C	466 °F	ASTM Test
	242 °C	468 °F	ISO 75

Thermal Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Color		Natural	
Commercial Status		Active America	
Impact Modified		No	
Primary Processing Technique		Injection Molding	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China