

## BASF Ultramid® 1403-2 BK ND3007 PA66 (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Glass Fiber Filled

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-1403-2-BK-ND3007-PA66-Conditioned.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-1403-2-BK-ND3007-PA66-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in <sup>3</sup>	dry; ISO 1183
Water Absorption	7.4 %	7.4 %	beginning dry; ISO 62
Moisture Absorption at Equilibrium	2.2 %	2.2 %	beginning dry (23°C/50% R.H.); ISO 62
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	90.0 MPa	13100 psi	5mm/min; ISO 527
Elongation at Break	13 %	13 %	5mm/min; ISO 527
Tensile Modulus	3.90 GPa	566 ksi	1mm/min; ISO 527
Flexural Modulus	3.00 GPa	435 ksi	ISO Data
Izod Impact, Notched (ISO)	6.00 kJ/m <sup>2</sup>	2.86 ft-lb/in <sup>2</sup>	ISO Test
Charpy Impact Unnotched	6.50 J/cm <sup>2</sup>	30.9 ft-lb/in <sup>2</sup>	ISO 179
	4.50 J/cm <sup>2</sup> @Temperature -30.0 °C	21.4 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	ISO 179
Charpy Impact, Notched	0.700 J/cm <sup>2</sup>	3.33 ft-lb/in <sup>2</sup>	ISO 179
	0.600 J/cm <sup>2</sup> @Temperature -30.0 °C	2.86 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	257 °C	495 °F	10 K/min
	257 °C	495 °F	ASTM Test

Descriptive Properties	Value	Comments
Color	Black	

Commercial Status Descriptive Properties	Active America Value	Comments
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