

## BASF Ultramid® 7523-2AM BK ND3007 33% Glass Filled PA66 (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

### Material Notes:

Ultramid 7523-2AM BK ND3007 is an impact modified, 33% glass reinforced, heat stabilized injection molding PA6/6.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-7523-2AM-BK-ND3007-33-Glass-Filled-PA66-Conditioned.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-7523-2AM-BK-ND3007-33-Glass-Filled-PA66-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in <sup>3</sup>	dry; ISO 1183
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	132 MPa	19100 psi	5mm/min; ISO 527
Elongation at Break	5.0 %	5.0 %	5mm/min; ISO 527
Tensile Modulus	8.25 GPa	1200 ksi	1mm/min; ISO 527
Flexural Modulus	6.85 GPa	994 ksi	ISO Data
Charpy Impact Unnotched	9.40 J/cm <sup>2</sup>	44.7 ft-lb/in <sup>2</sup>	ISO 179
	9.10 J/cm <sup>2</sup> @Temperature -30.0 °C	43.3 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	ISO 179
Charpy Impact, Notched	2.40 J/cm <sup>2</sup>	11.4 ft-lb/in <sup>2</sup>	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	Active America	
Impact Modified	Yes	
Primary Processing Technique	Injection Molding	

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