

## BASF Ultramid® 8267G HS BK-102 15/25% Glass/Mineral Filled PA6 (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Glass/Mineral Reinforced

### Material Notes:

Ultramid 8267G HS BK-102 is a heat stabilized, black pigmented, 40% mineral and glass fiber reinforced nylon 6 injection molding compound. It possesses a balance of engineering properties in combination with excellent dimensional stability, low warp and resistance to sink-mark formation. It exhibits high strength, rigidity, and good heat distortion temperature. It resists creep under load and the heat stabilizer system extends its retention of properties at elevated temperatures. It has good chemical resistance to greases, oils and hydrocarbons.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-8267G-HS-BK-102-1525-GlassMineral-Filled-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-8267G-HS-BK-102-1525-GlassMineral-Filled-PA6-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in <sup>3</sup>	dry; ISO 1183
Water Absorption	0.90 %	0.90 %	24 hour; ISO Test
	5.7 %	5.7 %	beginning dry; ISO 62
Moisture Absorption at Equilibrium	1.6 %	1.6 %	beginning dry (23°C/50% R.H.); ISO 62
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	67.0 MPa	9720 psi	0.2 in/min; ASTM Test
Tensile Strength, Ultimate	67.0 MPa	9720 psi	5mm/min; ISO 527
Elongation at Break	14 %	14 %	5mm/min; ISO 527
	14 %	14 %	0.2 in/min; ASTM Test
Tensile Modulus	4.16 GPa	603 ksi	1mm/min; ISO 527
Flexural Strength	90.0 MPa	13100 psi	ISO Data
Flexural Modulus	3.68 GPa	534 ksi	ISO Data

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	10 K/min
	220 °C	428 °F	ASTM Test

Processing Properties	Metric	English	Comments
Melt Temperature	275 °C	527 °F	Injection molding
Mold Temperature	95.0 °C	203 °F	Injection molding

Descriptive Properties	Value	Comments
Color	BK-102	
Commercial Status	Active America	
Form	Pellets	
Impact Modified	No	
Primary Processing Technique	Injection Molding	
Processing	Injection Molding	
Special characteristic	Heat stabilized or stable to heat	
UL.UL-C	Yes	

## Contact Songhan Plastic Technology Co.,Ltd.

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