

## BASF Ultramid® HMG13 HS BK-102 63% Glass Filled PA6 (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 6

**Material Notes:**

Ultramid HMG13 HS BK-102 is a 63% glass filled, injection molding, high modulus nylon designed to have high strength and stiffness for metal replacement applications. It also has excellent moldability and outstanding surface appearance.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-HMG13-HS-BK-102-63-Glass-Filled-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-HMG13-HS-BK-102-63-Glass-Filled-PA6-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.74 g/cc	0.0629 lb/in <sup>3</sup>	dry; ISO 1183
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	155 MPa	22500 psi	5mm/min; ISO 527
Tensile Modulus	13.4 GPa	1940 ksi	1mm/min; ISO 527

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

Descriptive Properties	Value	Comments
Color	BK-102	
Commercial Status	Active America	
Impact Modified	No	
Primary Processing Technique	Injection Molding	
Processing	Injection Molding	
UL.Ul-C	Yes	

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