

## BASF Ultramid® B3GM35 BKQ642 23220 15/25% Glass/Mineral Filled PA6 (Conditioned)

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

### Material Notes:

Ultramid B3GM35 BKQ642 23220 is a 40% combined glass-fiber and mineral reinforced, pigmented black injection molding PA6 grade.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-B3GM35-BKQ642-23220-1525-GlassMineral-Filled-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-B3GM35-BKQ642-23220-1525-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	2.2 %	2.2 %	24 hour; ISO Test
	6.6 %	6.6 %	beginning dry; ISO 62
Moisture Absorption at Equilibrium	2.0 %	2.0 %	beginning dry (23°C/50% R.H.); ISO 62
Viscosity Test	160 cm <sup>3</sup> /g	160 cm <sup>3</sup> /g	Viscosity number
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	65.0 MPa	9430 psi	0.2 in/min; ASTM Test
Tensile Modulus	5.00 GPa	725 ksi	ASTM Test
Izod Impact, Notched	1.34 J/cm	2.51 ft-lb/in	ASTM Test
	@Thickness 3.17 mm	@Thickness 0.125 in	

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	BK23220	
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**