

BASF Ultramid® B3GM35 Ebony23227 15/25% Glass/Mineral Filled PA6 (Dry)

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

Material Notes:

Ultramid B3GM35 Ebony23227 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-Ebony23227-1525-GlassMineral-Filled-PA6-Dry.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	ISO 1183
Water Absorption	6.6 %	6.6 %	ISO 62
Moisture Absorption at Equilibrium	2.0 %	2.0 %	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, Ultimate	135 MPa	19600 psi	5mm/min; ISO 527
Elongation at Break	3.1 %	3.1 %	5mm/min; ISO 527
Tensile Modulus	8.53 GPa	1240 ksi	1mm/min; ISO 527
Izod Impact, Notched (ISO)	4.60 kJ/m ²	2.19 ft-lb/in ²	ISO Test

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	10 K/min
Deflection Temperature at 1.8 MPa (264 psi)	201 °C	394 °F	ISO 75

Descriptive Properties	Value	Comments
Color	Ebony23227	
Commercial Status	Active America	
Impact Modified	No	
Primary Processing Technique	Injection Molding	

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