

BASF Ultramid® A3EG7 BK23189 35% Glass Filled PA66 (Dry)

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Glass Fiber Filled

Material Notes:

Ultramid A3EG6 BK23189 is a 35% glass fiber reinforced injection molding PA66 grade for machinery components and housings of high stiffness and dimensional stability.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-A3EG7-BK23189-35-Glass-Filled-PA66-Dry.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	ISO 1183
Water Absorption	1.6 %	1.6 %	24 hour; ISO Test
	5.0 %	5.0 %	ISO 62
Moisture Absorption at Equilibrium	1.6 %	1.6 %	23°C/50% R.H.; ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	190 MPa	27600 psi	5mm/min; ISO 527
Elongation at Break	2.8 %	2.8 %	5mm/min; ISO 527
Izod Impact, Notched (ISO)	9.50 kJ/m ²	4.52 ft-lb/in ²	ISO Test

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	10 K/min
	260 °C	500 °F	ASTM Test
Deflection Temperature at 1.8 MPa (264 psi)	250 °C	482 °F	ISO 75

Descriptive Properties	Value	Comments
Color	BK23189	
Commercial Status	Active America	
Impact Modified	No	
Primary Processing Technique	Injection Molding	

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