

BASF Ultramid® 7523-2AM BK ND3007 33% Glass Filled PA66 (Dry)

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

Ultramid 7523-2AM BK ND3007 is an impact modified, 33% glass reinforced, heat stabilized injection molding PA6/6.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-7523-2AM-BK-ND3007-33-Glass-Filled-PA66-Dry.php

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	125 MPa	18100 psi	0.2 in/min; ASTM Test
Tensile Strength, Ultimate	145 MPa	21000 psi	5mm/min; ISO 527
Elongation at Break	5.0 %	5.0 %	5mm/min; ISO 527
	7.0 %	7.0 %	0.2 in/min; ASTM Test
Tensile Modulus	9.20 GPa	1330 ksi	1mm/min; ISO 527
Flexural Modulus	6.62 GPa	960 ksi	ASTM Test
	8.50 GPa	1230 ksi	ISO Data
Izod Impact, Notched	1.71 J/cm @Thickness 3.17 mm	3.20 ft-lb/in @Thickness 0.125 in	ASTM Test
Izod Impact, Notched (ISO)	20.0 kJ/m ²	9.52 ft-lb/in ²	ISO Test
Charpy Impact, Notched	2.10 J/cm ²	9.99 ft-lb/in ²	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	257 °C	495 °F	10 K/min
	257 °C	495 °F	ASTM Test
Deflection Temperature at 0.46 MPa (66 psi)	249 °C	480 °F	ASTM Test
	260 °C	500 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	230 °C	446 °F	ASTM Test
			ISO 75

Thermal Properties	245 °C Metric	473 °F English	Comments
Descriptive Properties			
Color		Black	
Commercial Status		Active America	
Impact Modified		Yes	
Primary Processing Technique		Injection Molding	

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