

BASF Ultramid® 1503-2F BK ND 3007 33% Glass Filled PA 66 (Conditioned)

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

Material Notes:

Description: Ultramid 1503-2F BK ND3007 is a 33% glass reinforced, heat stabilized injection molding PA6/6 grade. It is designed to provide enhance hydrolysis resistance for under-the-hood applications. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-1503-2F-BK-ND-3007-33-Glass-Filled-PA-66-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ISO 1183
Moisture Absorption at Equilibrium	1.7 %	1.7 %	50% RH; ISO 178
	5.7 %	5.7 %	Saturation; ISO 178

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	144 MPa	20900 psi	ISO 527
Flexural Modulus	2.40 GPa	348 ksi	ISO 178

Processing Properties	Metric	English	Comments
Melt Temperature	288 - 305 °C	550 - 581 °F	
Mold Temperature	60.0 - 100 °C	140 - 212 °F	
Drying Temperature	80.0 °C	176 °F	
Dry Time	1 - 2 hour	1 - 2 hour	
Moisture Content	0.040 - 0.20 %	0.040 - 0.20 %	
Injection Pressure	35.0 - 125 MPa	5080 - 18100 psi	
Back Pressure	0.000 - 0.350 MPa	0.000 - 50.8 psi	
Screw Speed	40 - 80 rpm	40 - 80 rpm	

Descriptive Properties	Value	Comments
Color	BK ND 3007	
Commercial Status	North America	

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