

BASF Ultramid® A3W2G6 BK 20560 30% Glass Filled PA66 (Conditioned)

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

Material Notes:

Description: Ultramid A3W2G6 BK20560 is a developmental 30% glass fiber reinforced, pigmented black, injection molding PA66/6 with high heat aging resistance. Applications: Automotive power train applications like charge air coolers. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-A3W2G6-BK-20560-30-Glass-Filled-PA66-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	ISO 1183
Moisture Absorption at Equilibrium	1.5 %	1.5 %	50% RH; ISO 62
	5.4 %	5.4 %	Saturation; ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	100 MPa	14500 psi	ISO 527
Elongation at Break	6.0 %	6.0 %	ISO 527
Tensile Modulus	5.20 GPa	754 ksi	ISO 527
Charpy Impact Unnotched	11.0 J/cm ²	52.3 ft-lb/in ²	ISO 179
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	1.80 J/cm ²	8.57 ft-lb/in ²	ISO 179
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Color	BK 20560	
Commercial Status	North America	

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