

BASF Ultramid® 1403-2 NF3001 13% Glass Filled PA66 (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Glass Fiber Filled

Material Notes:

Ultramid 1403-2 NF3001 is a 13% glass reinforced, heat stabilized injection molding PA6/6.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-1403-2-NF3001-13-Glass-Filled-PA66-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	dry; ISO 1183
Water Absorption	7.4 %	7.4 %	beginning dry; ISO 62
Moisture Absorption at Equilibrium	2.2 %	2.2 %	beginning dry (23°C/50% R.H.); ISO 62
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	90.0 MPa	13100 psi	5mm/min; ISO 527
Elongation at Break	13 %	13 %	5mm/min; ISO 527
Tensile Modulus	3.90 GPa	566 ksi	1mm/min; ISO 527
Flexural Modulus	3.00 GPa	435 ksi	ISO Data
Izod Impact, Notched (ISO)	6.00 kJ/m ²	2.86 ft-lb/in ²	ISO Test
Charpy Impact Unnotched	6.50 J/cm ²	30.9 ft-lb/in ²	ISO 179
	4.50 J/cm ²	21.4 ft-lb/in ²	ISO 179
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	0.700 J/cm ²	3.33 ft-lb/in ²	ISO 179
	0.600 J/cm ²	2.86 ft-lb/in ²	ISO 179
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	257 °C	495 °F	10 K/min
	257 °C	495 °F	ASTM Test

Descriptive Properties	Value	Comments
------------------------	-------	----------

Color Natural

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

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China