

Nylux 66-GF33NAT

Polyamide 66
KMI Group, Inc.

Message:

Nylux66-GF33NAT is a 33% glass reinforced, heat stabilized PA66 resin suitable applications in which tensile strength and dimensional stability are needed.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 33% filler by weight		
Additive	heat stabilizer		
Features	Good dimensional stability		
	High tensile strength		
	Thermal Stability		
Appearance	Natural color		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Transverse flow: 2.00mm	0.30 - 0.40	%	ISO 294-4
Flow: 2.00mm	0.90 - 1.1	%	ISO 294-4
Water Absorption			ISO 62
23°C, 24 hr	1.2	%	ISO 62
Equilibrium, 23°C, 50% RH	1.8	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10500	MPa	ISO 527-2
Tensile Stress (Break)	205	MPa	ISO 527-2
Tensile Strain (Break)	3.1	%	ISO 527-2
Flexural Modulus	9500	MPa	ISO 178
Flexural Stress	285	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	kJ/m ²	ISO 179
Notched Izod Impact (23°C)	12	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	
Heat Deflection Temperature (0.45 MPa, Unannealed)	255	°C	
Melting Temperature	262	°C	

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Recommended distributors for this material

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