

Wellamid® GFT33N051-N2

Polyamide 66
Wellman Engineering Resins

Message:

Wellamid® GFT33N051-N2 is a Polyamide 66 (Nylon 66) material filled with 33% glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America.

Important attributes of Wellamid® GFT33N051-N2 are:

Heat Stabilizer
Impact Modified

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Heat Stabilizer		
	Impact Modifier		
Features	Heat Stabilized		
	Impact Modified		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.70 to 1.1	%	
Flow	0.20 to 0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	155	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3.0	%	ISO 527-2
Flexural Modulus (23°C)	8200	MPa	ISO 178
Flexural Stress (23°C)	220	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	15	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	235	°C	ISO 75-2/A
Melting Temperature (DSC)	260	°C	ISO 3146

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Recommended distributors for this material

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