

Wellamid® GFT1835-WBK1

Polyamide 66
Wellman Engineering Resins

Message:

Wellamid® GFT1835-WBK1 is a Polyamide 66 (Nylon 66) material filled with 17% glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding.
Important attributes of Wellamid® GFT1835-WBK1 are:
Good Weather Resistance
Impact Modified

General Information			
Filler / Reinforcement	Glass Fiber,17% Filler by Weight		
Additive	Impact Modifier		
Features	Good Weather Resistance		
	Impact Modified		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 23°C	0.80 to 1.2	%	
Flow : 23°C	0.80 to 1.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	100	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	3.5	%	ISO 527-2
Flexural Modulus (23°C)	4900	MPa	ISO 178
Flexural Stress (23°C)	145	MPa	ISO 178
Poisson's Ratio	0.35		
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	11	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	215	°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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