Wellamid® GF30-60 XE-WBK

Polyamide 6

Wellman Engineering Resins

Message:

Wellamid® GF30-60 XE-WBK is a Polyamide 6 (Nylon 6) material filled with 30% glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America. Primary attribute of Wellamid® GF30-60 XE-WBK: Good Weather Resistance.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Weather Resistance		
Forms	Pellets		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.35	g/cm³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 23°C	0.80 to 1.2	%	
Flow : 23°C	0.20 to 0.60	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield, 23°C)	155	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	3.0	%	ISO 527-2
Flexural Modulus (23°C)	8700	MPa	ISO 178
Flexural Stress (23°C)	230	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength (23°C)	11	kJ/m²	ISO 180
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	205	°C	ISO 75-2/A
Melting Temperature (DSC)	220	°C	ISO 3146

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Recommended distributors for this material

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