

Wellamid® GF14-60 XE-NBK1

Polyamide 6

Wellman Engineering Resins

Message:

Wellamid® GF14-60 XE-NBK1 is a Polyamide 6 (Nylon 6) material filled with 14% glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding.

Typical application of Wellamid® GF14-60 XE-NBK1: Automotive

General Information			
Filler / Reinforcement	Glass Fiber, 14% Filler by Weight		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 23°C	0.80 to 1.2	%	
Flow : 23°C	0.50 to 0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	115	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	3.0	%	ISO 527-2
Flexural Modulus (23°C)	4900	MPa	ISO 178
Flexural Stress (23°C)	165	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	4.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	200	°C	ISO 75-2/A
Melting Temperature	220	°C	ISO 3146

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co., Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT