

Wellamid® GF10-42LI4-N-Gray

Polyamide 6

Wellman Engineering Resins

Message:

Wellamid® GF10-42LI4-N-Gray is a Polyamide 6 (Nylon 6) material filled with 10% glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America. Primary attribute of Wellamid® GF10-42LI4-N-Gray: Impact Modified.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Additive	Impact Modifier		
Features	Impact Modified		
Appearance	Grey		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 23°C	0.80 to 1.2	%	
Flow : 23°C	1.1 to 1.5	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	80.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	8.0	%	ISO 527-2
Flexural Modulus (23°C)	3400	MPa	ISO 178
Flexural Stress (23°C)	130	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	130	°C	ISO 75-2/A
Melting Temperature (DSC)	220	°C	ISO 3146

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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



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