

Wellamid® GS25-66 22LH-NBK1

Polyamide 66

Wellman Engineering Resins

Message:

Wellamid® GS25-66 22LH-NBK1 is a Polyamide 66 (Nylon 66) material filled with 25% glass bead. It is available in Asia Pacific, Europe, Latin America, or North America. Primary attribute of Wellamid® GS25-66 22LH-NBK1: Flame Rated.

Typical application of Wellamid® GS25-66 22LH-NBK1: Automotive

General Information			
Filler / Reinforcement	Glass Bead,25% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.6 to 2.0	%	
Flow	1.4 to 1.8	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	65.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	2.0	%	ISO 527-2
Flexural Modulus (23°C)	3800	MPa	ISO 178
Flexural Stress (23°C)	112	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	2.5	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	84.0	°C	ISO 75-2/A
Melting Temperature (DSC)	260	°C	ISO 3146
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94

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Recommended distributors for this material

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