

Wellamid® GS25-66 22L-NBK1

Polyamide 66
Wellman Engineering Resins

Message:

Wellamid® GS25-66 22L-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 22L-NBK1: Flame Rated.

General Information			
Filler / Reinforcement	Glass Bead,25% Filler by Weight		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.5 to 1.9	%	
Flow	1.4 to 1.8	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	70.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	3900	MPa	ISO 178
Flexural Stress	114	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength	3.3	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	84.0	°C	ISO 75-2/A
Melting Temperature	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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