

Wellamid® FRGS25-66-N

Polyamide 66

Wellman Engineering Resins

Message:

Wellamid® FRGS25-66-N is a Polyamide 66 (Nylon 66) material filled with 25% glass bead. It is available in Asia Pacific, Europe, Latin America, or North America.

Important attributes of Wellamid® FRGS25-66-N are:

Flame Rated

Flame Retardant

Typical application of Wellamid® FRGS25-66-N: Automotive

General Information			
Filler / Reinforcement	Glass Bead,25% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.53	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.2 to 1.6	%	
Flow	1.2 to 1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	66.0	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	4700	MPa	ISO 178
Flexural Stress	107	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	2.8	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	114	°C	ISO 75-2/A
Melting Temperature (DSC)	260	°C	ISO 3146
Flammability	Nominal Value		Test Method
Flame Rating (0.800 mm)	V-0		UL 94

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Recommended distributors for this material

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