

Wellamid® FRGF25-66 NBK3

Polyamide 66
Wellman Engineering Resins

Message:

Wellamid® FRGF25-66 NBK3 is a Polyamide 66 (Nylon 66) material filled with 25% glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding.
Important attributes of Wellamid® FRGF25-66 NBK3 are:
Flame Rated
Flame Retardant
Typical application of Wellamid® FRGF25-66 NBK3: Automotive

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Features	Flame Retardant		
Uses	Automotive Applications		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.48	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 23°C	0.80 to 1.2	%	
Flow : 23°C	0.30 to 0.70	%	
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)	7100	MPa	ISO 178
Flexural Stress (23°C)	165	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	6.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	240	°C	ISO 75-2/A
Melting Temperature	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

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

