

Wellamid® FRGFT1741-BK2

Polyamide 66
Wellman Engineering Resins

Message:

Wellamid® FRGFT1741-BK2 is a Polyamide 66 (Nylon 66) material filled with 32% glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America.
Important attributes of Wellamid® FRGFT1741-BK2 are:
Flame Rated
Flame Retardant

General Information			
UL YellowCard	E44600-235496		
Filler / Reinforcement	Glass Fiber,32% Filler by Weight		
Features	Flame Retardant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.61	g/cm³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 23°C	0.70 to 1.1	%	
Flow : 23°C	0.20 to 0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	145	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	2.0	%	ISO 527-2
Flexural Modulus (23°C)	10100	MPa	ISO 178
Flexural Stress (23°C)	200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.0	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	245	°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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