

Wellamid® MRGST1715-WBK1

Polyamide 6
Wellman Engineering Resins

Message:

Wellamid® MRGST1715-WBK1 is a Polyamide 6 (Nylon 6) material filled with 25% glass\mineral. It is available in Asia Pacific, Europe, Latin America, or North America.
Important attributes of Wellamid® MRGST1715-WBK1 are:
Good Weather Resistance
Impact Modified

General Information			
Filler / Reinforcement	Glass\Mineral,25% Filler by Weight		
Additive	Impact Modifier		
Features	Good Weather Resistance		
	Impact Modified		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.30	g/cm³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.1 to 1.5	%	
Flow	0.80 to 1.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	65.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	7.0	%	ISO 527-2
Flexural Modulus (23°C)	4500	MPa	ISO 178
Flexural Stress (23°C)	95.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	5.0	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Melting Temperature (DSC)	220	°C	ISO 3146

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Recommended distributors for this material

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