

Wellamid® MR340 42H-NBK1

Polyamide 6

Wellman Engineering Resins

Message:

Wellamid® MR340 42H-NBK1 is a Polyamide 6 (Nylon 6) material filled with 34% mineral. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding.

Typical application of Wellamid® MR340 42H-NBK1: Automotive

General Information			
Filler / Reinforcement	Mineral,34% Filler by Weight		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.42	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 23°C	0.90 to 1.3	%	
Flow : 23°C	1.0 to 1.4	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	70.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	10	%	ISO 527-2
Flexural Modulus (23°C)	4700	MPa	ISO 178
Flexural Stress (23°C)	110	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	5.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	85.0	°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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