

Wellamid® 42LHN2-N

Polyamide 6
Wellman Engineering Resins

Message:
Wellamid® 42LHN2-N is a Polyamide 6 (Nylon 6) material. It is available in Asia Pacific, Europe, Latin America, or North America.

General Information			
Features	General Purpose		
Uses	General Purpose		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm³	ISO 1183
Molding Shrinkage	1.2 to 1.6	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	85.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	16	%	ISO 527-2
Flexural Modulus (23°C)	2800	MPa	ISO 178
Flexural Stress (23°C)	98.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	4.3	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	58.0	°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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