

Wellamid® 42L-XE-NBK1

Polyamide 6
Wellman Engineering Resins

Message:

Wellamid® 42L-XE-NBK1 is a Polyamide 6 (Nylon 6) material. It is available in Asia Pacific, Europe, Latin America, or North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.3 to 1.7	%	
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Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	75.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	39	%	ISO 527-2
Flexural Modulus (23°C)	2600	MPa	ISO 178
Flexural Stress (23°C)	91.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	5.7	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	60.0	°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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