

Wellamid® 42L-NBK1

Polyamide 6
Wellman Engineering Resins

Message:

Wellamid® 42L-NBK1 is a Polyamide 6 (Nylon 6) material. It is available in Asia Pacific, Europe, Latin America, or North America. Primary attribute of Wellamid® 42L-NBK1: Flame Rated.

General Information			
Uses	General Purpose		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.3 to 1.7	%	
Flow	1.2 to 1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	77.0	MPa	ISO 527-2
Tensile Strain (Break)	31	%	ISO 527-2
Flexural Modulus	2700	MPa	ISO 178
Flexural Stress	97.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength	5.2	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	57.0	°C	ISO 75-2/A
Melting Temperature	220	°C	ISO 3146
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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