

Wellamid® 22LH-N

Polyamide 66
Wellman Engineering Resins

Message:

Wellamid® 22LH-N is a Polyamide 66 (Nylon 66) material. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding.
Primary attribute of Wellamid® 22LH-N: Flame Rated.
Typical application of Wellamid® 22LH-N: Automotive

General Information			
UL YellowCard	E44600-235485	E44600-235499	
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 23°C	2.1 to 2.5	%	
Flow	2.0 to 2.4	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	85.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	40	%	ISO 527-2
Flexural Modulus (23°C)	2900	MPa	ISO 178
Flexural Stress (23°C)	105	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	5.5	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	°C	ISO 75-2/A
Melting Temperature (DSC)	260	°C	ISO 3146
Flammability	Nominal Value		Test Method
Flame Rating (0.750 mm)	V-2		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0 to 4.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	277 to 293	°C	
Middle Temperature	271 to 288	°C	
Front Temperature	266 to 282	°C	
Nozzle Temperature	266 to 293	°C	
Processing (Melt) Temp	271 to 304	°C	
Mold Temperature	71.1 to 93.3	°C	
Injection Pressure	34.5 to 138	MPa	

Back Pressure	0.345	MPa
Screw Speed	30 to 120	rpm

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

