

Niretan A 27 N

Polyamide 66
Soredi S.p.a.

Message:
Polyammide 66 mass coloured, easy flowing, for the injection moulding of items with low thickness, with short cycles and easy demoulding.

General Information				
Features		Fast molding cycle		
		Good liquidity		
		Good demoulding performance		
Uses		Thin wall parts		
Forms		Particle		
Processing Method		Injection molding		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.14	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.2 - 2.4	--	%	ASTM D955
Water Absorption				ASTM D570
23°C, 24 hr	10	--	%	ASTM D570
Equilibrium, 23°C, 50% RH	3.0	--	%	ASTM D570
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale)	115	95		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength ¹				ASTM D638
Yield	90.0	60.0	MPa	ASTM D638
Fracture	85.0	50.0	MPa	ASTM D638
Tensile Elongation ² (Break)	--	80	%	ASTM D638
Flexural Modulus ³	3100	1300	MPa	ASTM D790
Flexural Strength ⁴ (Break)	130	60.0	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact				ASTM D256
-20°C, 3.20 mm	40	70	J/m	ASTM D256
23°C, 3.20 mm	60	120	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	75.0	--	°C	ASTM D648
Peak Crystallization Temperature (DSC)	260	--	°C	ASTM D3418
CLTE - Flow	9.0E-6	--	cm/cm/°C	ISO 11359-2

Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	1.0E+14	1.0E+13	ohms	IEC 60093
Volume Resistivity	1.0E+15	1.0E+12	ohms·cm	IEC 60093
Dielectric Strength (1.00 mm)	30	35	kV/mm	IEC 60243-1
Relative Permittivity (1 MHz)	3.50	4.00		IEC 60250
Dissipation Factor (1 MHz)	0.020	0.10		IEC 60250
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating				UL 94
1.60 mm	V-2	--		UL 94
3.20 mm	V-2	--		UL 94
Glow Wire Ignition Temperature (2.00 mm)	750	--	°C	IEC 60695-2-13

Additional Information

干燥

Tensile Elongation at Break, ASTM D638, 50 mm/min: ott

NOTE

1. 50 mm/min
2. 50 mm/min
3. 1.3 mm/min
4. 1.3 mm/min

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



WECHAT