

VENYL SNC000

Polyamide 6

AD majoris

Message:

VENYL SNC000 is a Polyamide 6 (Nylon 6) product. It can be processed by injection molding and is available in Europe.

Characteristics include:

Flame Rated

Eco-Friendly/Green

General Information				
Features		Recyclable Material		
Forms		Pellets		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.15	--	g/cm ³	ISO 1183
Molding Shrinkage	0.30 to 0.50	--	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	2.0 to 2.2	--	%	
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	4800	2300	MPa	ISO 527-2/1
Tensile Stress (Break)	103	60.0	MPa	ISO 527-2/50
Tensile Strain (Break)	4.0	> 25	%	ISO 527-2/50
Flexural Modulus ¹	4000	1820	MPa	ISO 178
Flexural Stress	157	65.0	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	2.7	12	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break	No Break		ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	130	--	°C	ISO 75-2/B
1.8 MPa, Unannealed	130	--	°C	ISO 75-2/A
Melting Temperature (DSC)	222	--	°C	ISO 3146
Flammability	Dry	Conditioned		Test Method
Flame Rating (1.60 mm)	HB	--		UL 94
Injection	Dry	Unit		
Drying Temperature	90.0		°C	
Drying Time	4.0		hr	
Rear Temperature	230 to 240		°C	
Middle Temperature	235 to 240		°C	

Front Temperature	235 to 240	°C
Nozzle Temperature	220 to 265	°C
Mold Temperature	45.0 to 65.0	°C
Injection Pressure	70.0 to 90.0	MPa
Injection Rate	Fast	
Holding Pressure	35.0 to 60.0	MPa
Screw L/D Ratio	15.0:1.0 to 20.0:1.0	

NOTE

1. 2.0 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