

BESTNYL SI00VI12BEWX

Polyamide 6

Triesa Plastics

Message:

Polyamide 6 grey high viscosity lubrified with V-0 free halogen quality, normally used in electrical appliances or pipes, for its easy extrusion as well as injection and mould release combine with excellent flame resistance.

General Information	
Additive	Lubricant
	Mold Release
Features	Flame Retardant
	Good Mold Release
	Good Processability
	Halogen Free
	High Viscosity
	Lubricated
Uses	Appliances
	Electrical/Electronic Applications
	Piping
Appearance	Grey
Forms	Pellets
Processing Method	Extrusion
	Injection Molding
	Pipe Extrusion

Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	3.0	g/10 min	ISO 1133
Molding Shrinkage	1.0	%	ISO 294-4
Water Absorption (23°C, 24 hr)	1.3	%	ISO 62
Humidity - Pellets	0.20	%	ISO 1110
Glow Wire Test	OK		IEC 60695-2-13
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2800	MPa	ISO 527-2
Tensile Stress	80.0	MPa	ISO 527-2
Tensile Strain (Break)	25	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method

Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	185	°C	ISO 75-2/B
1.8 MPa, Unannealed	70.0	°C	ISO 75-2/A
Vicat Softening Temperature	> 200	°C	ISO 306
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Burning Rate	< 100	mm/min	FMVSS 302
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	230 to 250	°C	
Mold Temperature	40.0 to 60.0	°C	

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