

BESTNYL SE25VI02AX

Polyamide 66

Triesa Plastics

Message:

Polyamide 6.6 black lubrifid with 25% glass fibre reinforcement and V-0 quality (red phosphorus base), combines very good mechanical and fire retardant properties.
This polyamide is very employed for technical pieces in electric industry.

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	Lubricant		
Features	Flame Retardant		
	Lubricated		
Uses	Electrical/Electronic Applications		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.34	g/cm ³	ISO 1183
Molding Shrinkage	0.50	%	ISO 294-4
Water Absorption (23°C, 24 hr)	0.75	%	ISO 62
Ash Content	25	%	Internal Method
Humidity - Pellets	0.20	%	ISO 1110
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	81		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8900	MPa	ISO 527-2
Tensile Stress	140	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	45	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	250	°C	ISO 75-2/B
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	IEC 60093
Electric Strength	25	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Burning Rate	< 100	mm/min	FMVSS 302

Flame Rating	V-0	UL 94
Glow Wire Ignition Temperature	960	°C IEC 60695-2-13
Injection	Nominal Value	Unit
Drying Temperature	100	°C
Drying Time	2.0 to 4.0	hr
Processing (Melt) Temp	270 to 280	°C
Mold Temperature	60.0 to 80.0	°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