

BESTNYL SE25VI01AWX

Polyamide 66
Triesa Plastics

Message:
Polyamide 6.6 natural lubrified with 25% glass fibre reinforcement and V-0 quality free halogen.

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	Lubricant		
Features	Flame Retardant		
	Halogen Free		
	Lubricated		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
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	8500	MPa	ISO 527-2
Tensile Stress	130	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.5	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	90.0	°C
Drying Time	2.0 to 4.0	hr
Processing (Melt) Temp	270 to 280	°C
Mold Temperature	80.0 to 90.0	°C

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Recommended distributors for this material

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