

BESTNYL SE00VI01AM

Polyamide 66

Triesa Plastics

Message:

Polyamide 6.6 natural lubrifid and impact modified highly resistant to impacts, perfect for final pieces subdued to high impacts.

General Information			
Additive	Impact Modifier		
	Lubricant		
Features	High Impact Resistance		
	Impact Modified		
	Lubricated		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm ³	ISO 1183
Molding Shrinkage	1.7	%	ISO 294-4
Water Absorption (23°C, 24 hr)	2.2	%	ISO 62
Humidity - Pellets	0.20	%	ISO 1110
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	80		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2250	MPa	ISO 527-2
Tensile Stress	60.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	60	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	225	°C	ISO 75-2/B
1.8 MPa, Unannealed	67.0	°C	ISO 75-2/A
Vicat Softening Temperature	> 230	°C	ISO 306
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	IEC 60093
Electric Strength	31	kV/mm	IEC 60243-1
Comparative Tracking Index	600	V	IEC 60112

Flammability	Nominal Value	Unit	Test Method
Burning Rate	< 100	mm/min	FMVSS 302
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	260 to 270	°C	
Mold Temperature	70.0 to 75.0	°C	

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