

BESTNYL SE00VI02AN

Polyamide 66

Triesa Plastics

Message:

Polyamide 6.6 black lubricated to gain improvements in injection and moulding

General Information			
Additive	Lubricant		
Features	Lubricated		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Molding Shrinkage	1.2	%	
Water Absorption (23°C, 24 hr)	2.0	%	ISO 62
Ash Content	35	%	Internal Method
Humidity - Pellets	0.20	%	ISO 1110
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	80		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000	MPa	ISO 527-2
Tensile Stress	75.0	MPa	ISO 527-2
Tensile Strain (Break)	15	%	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)	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	215	°C	ISO 75-2/B
1.8 MPa, Unannealed	75.0	°C	ISO 75-2/A
Vicat Softening Temperature	> 235	°C	ISO 306
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	IEC 60093
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 3.0	hr	

Processing (Melt) Temp	260 to 270	°C
Mold Temperature	70.0 to 75.0	°C

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