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/cm³	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/m²	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

Recommended distributors for this material

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