BESTNYL SE00VI01AHQ03

Polyamide 66

Triesa Plastics

Message:

Poliamida 6,6 natural with heat stabilized and 5%nano charges wich create a barrier against external atmospherical agents and also improves dimensional, enlighten the final application with the same caracteristics of PA 6.6 30% C.M. furthermore produces better final surface.

General Information			
Filler / Reinforcement	Unspecified Nano,5.0% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Dimensional Stability Good Surface Finish Heat Stabilized		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.16	g/cm³	ISO 1183
Ash Content	6.0	%	Internal Method
Humidity - Pellets	0.20	%	ISO 1110
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore D)	82		ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress	80.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	4.0	kJ/m²	ISO 179
Charpy Unnotched Impact Strength (23°C)	38	kJ/m²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	250	°C	ISO 75-2/B
Vicat Softening Temperature	> 260	°C	ISO 306
Flammability	**Nominal Value**	**Unit**	**Test Method**
Burning Rate	< 100	mm/min	FMVSS 302
Flame Rating	HB		UL 94
Injection	**Nominal Value**	**Unit**	
Drying Temperature	90.0	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	275 to 280	°C	
Mold Temperature	80.0 to 90.0	°C	

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