BESTNYL SE00VI01AM-1

Polyamide 66

Triesa Plastics

Message:

Polyamide 6.6 natural and impact modified, is highly resistant to impacts.

General Information			
Additive	Impact Modifier		
Features	High Impact Resistance Impact Modified		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.08	g/cm³	ISO 1183
Molding Shrinkage	1.5	%	ISO 294-4
Water Absorption (23°C, 24 hr)	1.2	%	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	2100	MPa	ISO 527-2
Tensile Stress	50.0	MPa	ISO 527-2
Tensile Strain (Break)	58	%	ISO 527-2
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	65	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	220	°C	ISO 75-2/B
1.8 MPa, Unannealed	80.0	°C	ISO 75-2/A
Vicat Softening Temperature	> 225	°C	ISO 306
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	1.0E+12	ohms	IEC 60093
Electric Strength	31	kV/mm	IEC 60243-1
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	260 to 270	°C
Mold Temperature	70.0 to 75.0	°C

Recommended distributors for this material

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