BESTNYL SI00VI12BWX

聚酰胺 6

Triesa Plastics

Technical Data

Product Description

Polyamide 6 grey lubrified with V-0 free halogen quality, normally used in electrical appliances, for its easy injection and mould release as well as its excellent flame resistance.

General

Additive	• 润滑剂	• 脱模	
Features	• 良好的加工性能 • 润滑	• 脱模性能良好 • 无卤	• 阻燃性
Uses	• 电气/电子应用领域	• 电器用具	
Appearance	• 灰色		
Forms	• 粒子		
Processing Method	• 注射成型		

Physical	额定值 单位制	测试方法
Density	1.16 g/cm³	ISO 1183
Molding Shrinkage	1.0 %	ISO 294-4
Water Absorption (24 hr, 23°C)	1.1 %	ISO 62
Humidity - Pellets	0.20 %	ISO 1110
Mechanical	**额定值 单位制**	**测试方法**
Tensile Modulus	3700 MPa	ISO 527-2
Tensile Stress	80.0 MPa	ISO 527-2
Tensile Strain (断裂)	15 %	ISO 527-2
Impact	**额定值 单位制**	**测试方法**
Charpy Notched Impact Strength (23°C)	4.0 kJ/m²	ISO 179
Charpy Unnotched Impact Strength (23°C)	85 kJ/m²	ISO 179
Hardness	**额定值 单位制**	**测试方法**
Shore Hardness (邵氏 D)	78	ISO 868
Thermal	**额定值 单位制**	**测试方法**
Heat Deflection Temperature		
0.45 MPa, 未退火	200 °C	ISO 75-2/B
1.8 MPa, 未退火	75.0 °C	ISO 75-2/A
Electrical	**额定值 单位制**	**测试方法**
Surface Resistivity	1.0E+15 ohms	IEC 60093
Electric Strength	36 kV/mm	IEC 60243-1
Flammability	**额定值 单位制**	**测试方法**
Burning Rate	< 100 mm/min	FMVSS 302
Flame Rating	V-0	UL 94

Injection	额定值 单位制
Drying Temperature	90 °C
Drying Time	2.0 到 4.0 hr
Processing (Melt) Temp	225 到 235 °C
Mold Temperature	50 到 60 °C