

BESTNYL SI00VI02BEHX

PA6

Grupo Triesa

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2.5	g/10min	ISO 1133
Mechanical properties			
	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	3600 / 1500	MPa	ISO 527
Tensile Strength	85 / 50	MPa	ISO 527
Strain at break	10 / >50	%	ISO 527
Charpy impact strength, +23°C	N / N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5 / N	kJ/m ²	ISO 179/1eA
Thermal properties			
	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	70 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	190 / *	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Electrical properties			
	dry / cond	Unit	Test Standard
ISO Data			
Surface resistivity	* / 1E11	Ohm	IEC 62631-3-2
Electric strength	30 / -	kV/mm	IEC 60243-1
Other properties			
	dry / cond	Unit	Test Standard
Water absorption	1.5 / *	%	Sim. to ISO 62
Density	1140 / -	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Pipe/Tube Extrusion, Other Extrusion

Delivery form

Pellets, Black

Additives

Lubricants, Release agent

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Applications

Electrical and Electronical

Regional Availability

Europe