

BESTNYL SC00VI01AWX

Polyamide 66/6 Copolymer

Triesa Plastics

Message:

Polyamide 6 and polyamide 6.6 (PA 6/6.6) natural lubrified with V-0 quality halogen free

General Information			
Additive	Lubricant		
Features	Flame Retardant		
	Halogen Free		
	Lubricated		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183
Molding Shrinkage	1.0	%	ISO 294-4
Water Absorption (23°C, 24 hr)	1.1	%	ISO 62
Humidity - Pellets	0.20	%	ISO 1110
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	78		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3700	MPa	ISO 527-2
Tensile Stress	70.0	MPa	ISO 527-2
Tensile Strain (Break)	15	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Burning Rate	< 100	mm/min	FMVSS 302
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	2.0 to 3.0	hr	
Processing (Melt) Temp	240 to 250	°C	
Mold Temperature	50.0 to 60.0	°C	

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Recommended distributors for this material

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