

BESTNYL SI00VI01BN-1

*Polyamide 6 Standard, lubricated and fast cycle to achieve a faster injection and pieces moulding.
Regularly used in small injection pieces and various cavities that requires a fast injection cycle..*

	Standard		Unit	Values	
				Dry	Conditioned
Generals					
Density	ISO 1183		gr /cm3	1,13	-
Melt Flow Index	ISO 1133		gr /10 min.	~22	-
Humidity Pelets	ISO 1110		%	0,2	-
Hardness	SHORE D		Points	79	-
Mold Shrinkage	-		%	~0,9	-
Mechanical					
Tensile Strenght	ISO 527		N /mm2	72	-
Elogantion at break	ISO 527		%	-	-
Tensile Modulus	ISO 527		N /mm2	3050	-
Charpy Impact	23 °C ISO 179		Kj / m2	NB	-
	-40 °C ISO 179		Kj / m2	-	-
Charpy notched Impact	23 °C ISO 179		Kj / m2	5	-
	-40 °C ISO 179		Kj / m2	-	-
Electrical					
Surface Resistivity	IEC 93		Ohm	10 ¹⁵	-
Dielectric strenght	IEC 243		Kv / mm	-	-
Tracking lindex (C.T.I.)	IEC 112		Kv / mm	-	-
Thermal					
Deflection Temp.Under Load (H.D.T.)	0,4 N ISO 75 /A		°C	190	-
	1,8 N ISO 75 /A		°C	65	-
VICAT Temperature	ISO 306		°C	>200	-
Others					
UL-94 Flammability	UL-94		-	HB	-
Glow Wire	IEC 695		°C	-	-
Flammability speed	FMV 302		mm / min.	<100	-
Ashes	Triesa Test		%	-	-
Water absorption (24h) Nucleated	ISO 62		%	~2	-
				YES	-
Processing					
Drying Material	2h - 4h 90 °C				
Mold. Temperature	50 °C - 60 °C				
Processing Temperature	225 °C - 240 °C				

-This values provided in this data sheet corresponds to our Knowledge. All products must be subjected to in company test by the user before application

-These data may not valid such material used in combination with any other materials or additives or in any process

- UL mesurements are doing in our lab according this norm

Source: Triesa Quality Control, Last Update: 16/03/2012

Please contact with us for any other Information.

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