

BESTNYL SI00VI01BM

Polyamide 6 natural modified to impact, is highly resistant to impact, perfect for final pieces subdued to high impacts.

	Standard	Unit	Values	
			Dry	Conditioned
Generals				
Density	ISO 1183	gr /cm3	1,09	-
Melt Flow Index	ISO 1133	gr /10 min.	-	-
Humidity Pelets	ISO 1110	%	0,2	-
Hardness	SHORE D	Points	76	-
Mold Shrinkage	-	%	~1,5	-
Mechanical				
Tensile Strenght	ISO 527	N /mm2	65	-
Elogantion at break	ISO 527	%	80	-
Tensile Modulus	ISO 527	N /mm2	2800	-
Charpy Impact	23 °C ISO 179	Kj / m2	NB	-
	-40 °C ISO 179	Kj / m2	-	-
Charpy notched Impact	23 °C ISO 179	Kj / m2	60	-
	-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	185	-
	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)	ISO 62	%	~1,2	-
Impact Modify			YES	-
Processing				
Drying Material	2h - 4h 100 °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: 21/03/2012

Please contact with us for any other Information.

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