

BESTNYL SE15VI02AX

Polyamide 6,6 black lubricated with 15% glass fibre reinforcement and V-0 quality, this material combines good mechanical properties and excellent flame resistance, generally employed in electrical industry or in final pieces that require V-0 quality.

	Standard		Unit	Values	
				Dry	Conditioned
Generals					
Density	ISO 1183		gr /cm3	1,27	-
Melt Flow Index	ISO 1133		gr /10 min.	-	-
Humidity Pelets	ISO 1110		%	0,2	-
Hardness	SHORE D		Points	80	-
Mold Shrinkage	-		%	-	-
Mechanical					
Tensile Strenght	ISO 527		N /mm2	115	-
Elogantion at break	ISO 527		%	4	-
Tensile Modulus	ISO 527		N /mm2	5500	-
Charpy Impact	23 °C ISO 179		Kj / m2	39	-
	-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 ¹⁴	-
Dielectric strenght	IEC 243		Kv / mm	32	-
Tracking lindex (C.T.I.)	IEC 112		Kv / mm	-	-
Thermal					
Deflection Temp.Under Load (H.D.T.)	0,4 N ISO 75 /A		°C	250	-
	1,8 N ISO 75 /A		°C	230	-
VICAT Temperature	ISO 306		°C	255	-
Others					
UL-94 Flammability	UL-94		-	V-0	-
Glow Wire	IEC 695		°C	OK	-
Flammability speed	FMV 302		mm / min.	<100	-
Ashes	Triesa Test		%	15	-
Water absorption (24h) Lubrificated	ISO 62		%	~0,7	-
				YES	-
Processing					
Drying Material	2h - 4h 100 °C				
Mold. Temperature	70 °C - 80 °C				
Processing Temperature	270 °C - 275 °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