

BESTNYL SC30VI02BMU

Polyamide 6 Polyamide 6,6(PA 6/6.6)black lubrified, UV stabilized and Impact improved with 30% glass fibre reinforcement has good mechanical properties and high impact resistance combined with UV stabilization, in intended to be used in final pieces stable to the light (UV) and required to have impact and mechanical efforts endurance.

	Standard		Unit	Values	
				Dry	Conditioned
Generals					
Density	ISO 1183		gr /cm3	1,34	-
Melt Flow Index	ISO 1133		gr /10 min.	-	-
Humidity Pelets	ISO 1110		%	0,2	-
Hardness	SHORE D		Points	81	-
Mold Shrinkage	-		%	-	-
Mechanical					
Tensile Strenght	ISO 527		N /mm2	128	-
Elogantion at break	ISO 527		%	4	-
Tensile Modulus	ISO 527		N /mm2	8500	-
Charpy Impact	23 °C ISO 179		Kj / m2	70	-
	-40 °C ISO 179		Kj / m2	-	-
Charpy notched Impact	23 °C ISO 179		Kj / m2	9,5	-
	-40 °C ISO 179		Kj / m2	-	-
Electrical					
Surface Resistivity	IEC 93		Ohm	10 ¹³	-
Dielectric strenght	IEC 243		Kv / mm	34	-
Tracking lindex (C.T.I.)	IEC 112		Kv / mm	-	-
Thermal					
Deflection Temp.Under Load (H.D.T.)	0,4 N ISO 75 /A		°C	235	-
	1,8 N ISO 75 /A		°C	230	-
VICAT Temperature	ISO 306		°C	240	-
Others					
UL-94 Flammability	UL-94		-	HB	-
Glow Wire	IEC 695		°C	-	-
Flammability speed	FMV 302		mm / min.	<100	-
Ashes	Triesa Test		%	30	-
Water absorption (24h)	ISO 62		%	~1	-
UV Stabilized				YES	-
Processing					
Drying Material	2h - 4h 100 °C				
Mold. Temperature	80 °C - 90 °C				
Processing Temperature	260 °C - 270 °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