

**BESTNYL SC50VIR34AHM**

*Polyamide 6.6 /6 lubricated with 50% glass fibre reinforcement, heat stabilized and Impact modified*

	Standard		Unit	Values	
				Dry	Conditioned
<b>Generals</b>					
Density	ISO 1183		gr /cm3	1,55	-
Melt Flow Index	ISO 1133		gr /10 min.	-	-
Humidity Pelets	ISO 1110		%	0,2	-
Hardness	SHORE D		Points	85	-
Mold Shrinkage	-		%	-	-
<b>Mechanical</b>					
Tensile Strenght	ISO 527		N /mm2	185	-
Elogantion at break	ISO 527		%	4	-
Tensile Modulus	ISO 527		N /mm2	12000	-
Charpy Impact	23 °C ISO 179		Kj / m2	80	-
	-40 °C ISO 179		Kj / m2	-	-
Charpy notched Impact	23 °C ISO 179		Kj / m2	12	-
	-40 °C ISO 179		Kj / m2	-	-
<b>Electrical</b>					
Surface Resistivity	IEC 93		Ohm	10 <sup>12</sup>	-
Dielectric strenght	IEC 243		Kv / mm	28	-
Tracking lindex ( C.T.I.)	IEC 112		Kv / mm	-	-
<b>Thermal</b>					
Deflection Temp.Under Load (H.D.T.)	0,4 N ISO 75 /A		°C	230	-
	1,8 N ISO 75 /A		°C	215	-
VICAT Temperature	ISO 306		°C	235	-
<b>Others</b>					
UL-94 Flammability	UL-94		-	HB	-
Glow Wire	IEC 695		°C	-	-
Flammability speed	FMV 302		mm / min.	<100	-
Ashes	Triesa Test		%	50	-
Water absorption (24h)	ISO 62		%	~1	-
Impact Improved				YES	-
<b>Processing</b>					
Drying Material	2h - 3h 110 °C				
Mold. Temperature	80 °C - 90 °C				
Processing Temperature	270 °C - 280 °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