

### BESTDUR TPHG6 /02

PBT+PET black lubricated with 30% glass fibre reinforcement and heat stabilized,

	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		%	0,1	-
Hardness	SHORE D		Points	80	-
Mold Shrinkage	-		%	-	-
<b>Mechanical</b>					
Tensile Strength	ISO 527		N /mm2	122	-
Elongation at break	ISO 527		%	2	-
Tensile Modulus	ISO 527		N /mm2	8150	-
Charpy Impact	23 °C ISO 179		Kj / m2	50	-
	-40 °C ISO 179		Kj / m2	-	-
Charpy notched Impact	23 °C ISO 179		Kj / m2	7,5	-
	-40 °C ISO 179		Kj / m2	-	-
<b>Electrical</b>					
Surface Resistivity	IEC 93		Ohm	10 <sup>14</sup>	-
Dielectric strength	IEC 243		Kv / mm	31	-
Tracking Index ( C.T.I.)	IEC 112		Kv / mm	250	-
<b>Thermal</b>					
Deflection Temp.Under Load (H.D.T.)	0,4 N ISO 75 /A		°C	242	-
	1,8 N ISO 75 /A		°C	225	-
VICAT Temperature	ISO 306		°C	230	-
<b>Others</b>					
UL-94 Flammability	UL-94		-	HB	-
Glow Wire	IEC 695		°C	550	-
Flammability speed	FMV 302		mm / min.	<100	-
Ashes	Triesa Test		%	30	-
Water absorption (24h)	ISO 62		%	~0,2	-
Heat Stabilized				YES	-
<b>Processing</b>					
Drying Material	2h - 4h 110 °C				
Mold. Temperature	95 °C - 110 °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 measurements are doing in our lab according this norm

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