TECHNICAL DATA SHEET

TRIESA

BESTNYL SE10VI02AU

Polyamide 6,6 black with 10% glass fibre reinforcement and protected against ultra violet rays (UV). This polyamide shares good mechanical properties and stabilization to ultraviolet rays, generally makes exterior pieces or in contact wit external atmospheric agents.

	Standard	Unit	Values	
Generals			**Dry**	**Conditioned**
Density	ISO 1183	gr /cm3	1,2	-
Melt Flow Index	ISO 1133	gr /10 min.	-	-
Humidity Pelets	ISO 1110	%	0,2	-
Hardness	SHORE D	Points	80	-
Mold Shrinkage	-	%	-	-
Mechanical			**Dry**	**Conditioned**
Tensile Strenght	ISO 527	N /mm2	100	-
Elogantion at break	ISO 527	%	-	-
Tensile Modulus	ISO 527	N /mm2	4550	-
Charpy Impact	23 ºC ISO 179	Kj / m2	28	-
	-40 ºC ISO 179	Kj / m2	-	-
Charpy notched Impact				
	23 ºC ISO 179	Kj / m2	4	-
	-40 ºC ISO 179	Kj / m2	-	-
Electrical			**Dry**	**Conditioned**
Surface Resistivity	IEC 93	Ohm	-	-
Dielectric strenght	IEC 243	Kv / mm	-	-
Tracking Iindex (C.T.I.)	IEC 112	Kv / mm	-	-
Thermal			**Dry**	**Conditioned**
Deflection Temp.Under Load	0,4 N ISO 75 /A	ºC	-	-
(H.D.T.)	1,8 N ISO 75 /A	ºC	210	-
VICAT Temperature	ISO 306	ºC	-	-
Others			**Dry**	**Conditioned**
UL-94 Flammability	UL-94	-	HB	-
Glow Wire	IEC 695	ºC	-	-
Flammability speed	FMV 302	mm / min.	<100	-
Ashes	Triesa Test	%	-	-
Water absorption (24h)	ISO 62	%	~3	-
UV Stabilized			YES	-
Processing				
Drying Material	2h - 4h 100 ºC			
Mold. Temperature	70 ºC - 75 ºC			
Processing Temperature	270 ºC - 275 ºC			

-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