TECHNICAL DATA SHEET

TRIESA

BESTNYL SC00VI02AH15

Polyamide 6 polyamide 6.6 (PA 6/6.6) black and heat stabilized with 30% mineral charge, is characterized for its great dimensional stability, good superficial finish, good in machine and release mould behaviour. Currently used in injection pieces that are not required to endure mechanical efforts,but with a great deal of importance in final appearance and dimensionality.

	Standard	Unit	Values	
			Dry	Conditioned
Generals				
Density	ISO 1183	gr /cm3	1,36	-
Melt Flow Index	ISO 1133	gr /10 min.	-	-
Humidity Pelets	ISO 1110	%	0,2	-
Hardness	SHORE D	Points	81	-
Mold Shrinkage	-	%	~0,8	-
Mechanical			**Dry**	**Conditioned**
Tensile Strenght	ISO 527	N /mm2	80	-
Elogantion at break	ISO 527	%	3	-
Tensile Modulus	ISO 527	N /mm2	5800	-
Charpy Impact	23 ºC ISO 179	Kj / m2	45	-
	-40 ºC ISO 179	Kj / m2	-	-
Charpy notched Impact				
	23 ºC ISO 179	Kj / m2	5	-
	-40 ºC ISO 179	Kj / m2	-	-
Electrical			**Dry**	**Conditioned**
Surface Resistivity	IEC 93	Ohm	10^11	-
Dielectric strenght	IEC 243	Kv / mm	28	-
Tracking Iindex (C.T.I.)	IEC 112	Kv / mm	-	-
Thermal			**Dry**	**Conditioned**
Deflection Temp.Under Load	0,4 N ISO 75 /A	ºC	110	-
(H.D.T.)	1,8 N ISO 75 /A	ºC	-	-
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	%	30	-
Humidity absorption (24h)	ISO 62	%	~2	-
Heat Stabilized			YES	-
Processing				
Drying Material	3h - 4h 100 ºC			
Mold. Temperature	80 ºC - 90 ºC			
Processing Temperature	270 ºC - 280 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

Triesa Poliamidas S.A.

ISO 9001 BUREAU VERITAS Certification