TECHNICAL DATA SHEET

TRIESA

BESTNYL SE35VI02AX

Polyamide 6.6 black lubrified with 35% glass fibre reinforcement and V-0 quality (red phosphorus base) is a material with good mechanical and flame retardant properties, high resistance and rigidity combined with good resistance behaviour to electric tracking.

	Standard	Unit	Values	
Generals			**Dry**	**Conditioned**
Density	ISO 1183	gr /cm3	1,49	-
Melt Flow Index	ISO 1133	gr /10 min.	-	-
Humidity Pelets	ISO 1110	%	0,2	-
Hardness	SHORE D	Points	81	-
Mold Shrinkage	-	%	~0,3	-
Mechanical			**Dry**	**Conditioned**
Tensile Strenght	ISO 527	N /mm2	145	-
Elogantion at break	ISO 527	%	3	-
Tensile Modulus	ISO 527	N /mm2	9050	-
Charpy Impact	23 ºC ISO 179	Kj / m2	48	-
	-40 ºC ISO 179	Kj / m2	-	-
Charpy notched Impact				
	23 ºC ISO 179	Kj / m2	8	-
	-40 ºC ISO 179	Kj / m2	-	-
Electrical			**Dry**	**Conditioned**
Surface Resistivity	IEC 93	Ohm	10^15	-
Dielectric strenght	IEC 243	Kv / mm	25	-
Tracking Iindex (C.T.I.)	IEC 112	Kv / mm	-	-
Thermal			**Dry**	**Conditioned**
Deflection Temp.Under Load	0,4 N ISO 75 /A	ºC	250	-
(H.D.T.)	1,8 N ISO 75 /A	ºC	-	-
VICAT Temperature	ISO 306	ºC	-	-
Others			**Dry**	**Conditioned**
UL-94 Flammability	UL-94	-	V-0	-
Glow Wire	IEC 695	ºC	960	-
Flammability speed	FMV 302	mm / min.	<100	-
Ashes	Triesa Test	%	35	-
Water absorption (24h)	ISO 62	%	~0,6	-
Flame retardant			YES	-
Processing				
Drying Material	2h - 4h 100 ºC			
Mold. Temperature	70 ºC - 80 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