TRIESA

BESTNYL ECO ®

SE30VI02AHR

TECHNICAL DATA SHEET

Polyamide 6.6 black lubrified with 30% glass fibre reinforcement and heat stabilized. Is a compounding with high quality recyled PA 66, for sectors looking for quality materials with ecofriend environment.

		STANDARD	UNIT	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	-	%	~0,5	-

		STANDARD	UNIT	DRY	CONDITIONED
MECHANICAL	Tensile Strenght	ISO 527	N/mm²	155	-
	Elogantion at break	ISO 527	%	3	-
	Tensile Modulus	ISO 527	N/mm²	8000	-
	Charpy Impact	23 °C ISO 179	Kj/m²	55	-
		-40 °C ISO 179	Kj/m²	-	-
	Charpy notched Impact	23 °C ISO 179	Kj/m²	8	-
		-40 °C ISO 179	Kj/m²	-	-

		STANDARD	UNIT	DRY	CONDITIONED
ELECTRICAL	Surface Resistivity	IEC 93	Ohm	10^13	-
	Dielectric strength	IEC 243	Kv/mm	32	-
	Tracking lindex (C.T.I.)	IEC 112	Kv/mm	-	-

		STANDARD	UNIT	DRY	CONDITIONED
THERMAL	Deflection Temp. Under Load	0,4 N ISO 75/A	°C	250	-
	(H.D.T.)	1,8 N ISO 75/A	°C	240	-
	VICAT Temperatura	ISO 306	°C	-	-

- The values provided in this data sheet correspond to our knowledge. All products must be subjected to in company test by the user before application.
-These datas do not release you from the obligation to test our products as to their suitability for the intended processes and final use.
- These data may not valid such material used in combination with any other materials or additives or in- any process.
- Triesa assumes no liability and makes no warranties of any kind, expressed or implied how to use this information data.
- UL measurements are done in our lab according to this norm.

		STANDARD	UNIT	DRY	CONDITIONED
OTHERS	UL - Flammability	UL-94	-	HB	-
	Glow Wire	IEC 695	°C	-	-
	Fammability speed	FMV 302	mm/min.	<100	-
	Ashes	Triesa Test	%	30 +/-3	-
	Water absorption (24h)	ISO 62	%	-	-
	Heat Stabilized			YES	-

		RECOMMENDED VALUES
PROCESSING	Drying Material	2h - 4h 100°C-120°C
	Mold. Temperature	80°C-90°C
	Processing Temperature	280°C-290°C
	Back Temperature	265°C-275°C
	Middle Temperature	275°C-295°C
	Nozzle Temperature	280°C-295°C
	Hold Pressure	70 - 110 Mpa

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[HongKong] +852-69575415 [China GuangDong] +135-3858-6433 [China ShangHai] +188-1699-6168