

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 with external atmospheric agents.

	Standard	Unit	Values	
			Dry	Conditioned
Generals				
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				
Tensile Strength	ISO 527	N /mm2	100	-
Elongation at break	ISO 527	%	-	-
Tensile Modulus	ISO 527	N /mm2	4550	-
Charpy Impact	23 °C ISO 179	Kj / m2	28	-
	-40 °C ISO 179	Kj / m2	-	-
Charpy notched Impact	23 °C ISO 179	Kj / m2	4	-
	-40 °C ISO 179	Kj / m2	-	-
Electrical				
Surface Resistivity	IEC 93	Ohm	-	-
Dielectric strength	IEC 243	Kv / mm	-	-
Tracking Index (C.T.I.)	IEC 112	Kv / mm	-	-
Thermal				
Deflection Temp.Under Load (H.D.T.)	0,4 N ISO 75 /A	°C	-	-
	1,8 N ISO 75 /A	°C	210	-
VICAT Temperature	ISO 306	°C	-	-
Others				
UL-94 Flammability	UL-94	-	HB	-
Glow Wire	IEC 695	°C	-	-
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 °C			
Mold. Temperature	70 °C - 75 °C			
Processing Temperature	270 °C - 275 °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

Source: Triesa Quality Control, Last Update: 15/03/2012

Please contact with us for any other Information.

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