

BESTNYL SE35VI02AU

Polyamide 6.6 black with 35% glass fibre reinforcement, stabilized against ultra violet rays (UV), regularly used in automotive industry in final pieces that require UV rays stability and good mechanical properties.

	Standard		Unit	Values	
				Dry	Conditioned
Generals					
Density	ISO 1183		gr /cm3	1,41	-
Melt Flow Index	ISO 1133		gr /10 min.	-	-
Humidity Pelets	ISO 1110		%	0,2	-
Hardness	SHORE D		Points	81	-
Mold Shrinkage	-		%	~0,5	-
Mechanical					
Tensile Strength	ISO 527		N /mm2	175	-
Elongation at break	ISO 527		%	3	-
Tensile Modulus	ISO 527		N /mm2	10200	-
Charpy Impact	23 °C ISO 179		Kj / m2	-	-
	-40 °C ISO 179		Kj / m2	-	-
Charpy notched Impact	23 °C ISO 179		Kj / m2	12	-
	-40 °C ISO 179		Kj / m2	-	-
Electrical					
Surface Resistivity	IEC 93		Ohm	10 ¹⁵	-
Dielectric strength	IEC 243		Kv / mm	34	-
Tracking index (C.T.I.)	IEC 112		Kv / mm	450	-
Thermal					
Deflection Temp.Under Load (H.D.T.)	0,4 N ISO 75 /A		°C	250	-
	1,8 N ISO 75 /A		°C	-	-
VICAT Temperature	ISO 306		°C	>260	-
Others					
UL-94 Flammability	UL-94		-	HB	-
Glow Wire	IEC 695		°C	-	-
Flammability speed	FMV 302		mm / min.	<100	-
Ashes	Triesa Test		%	35	-
Water absorption (24h)	ISO 62		%	~0,7	-
UV Stabilized				YES	-
Processing					
Drying Material	3h - 5h 100 °C				
Mold. Temperature	90 °C - 100 °C				
Processing Temperature	275 °C - 290 °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 mesurements are doing in our lab according this norm

Source: Triesa Quality Control, Last Update: 06/10/2012

Please contact with us for any other Information.

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