

BESTNYL SE25VI02A

Polyamide 6,6 black lubricated with 25% glass fibre reinforcement, for pieces that require good technical and mechanical properties, applied to any injection piece.

	Standard		Unit		Values	
					Dry	Conditioned
Generals						
Density	ISO 1183		gr /cm3		1,32	-
Melt Flow Index	ISO 1133		gr /10 min.		-	-
Humidity Pelets	ISO 1110		%		0,2	-
Hardness	SHORE D		Points		81	-
Mold Shrinkage	-		%		~0,6	-
Mechanical						
Tensile Strength	ISO 527		N /mm2		145	-
Elongation 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		7	-
	-40 °C ISO 179		Kj / m2		-	-
Electrical						
Surface Resistivity	IEC 93		Ohm		10 ¹⁵	-
Dielectric strength	IEC 243		Kv / mm		32	-
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		-	-
Others						
UL-94 Flammability	UL-94		-		HB	-
Glow Wire	IEC 695		°C		-	-
Flammability speed	FMV 302		mm / min.		<100	-
Ashes	Triesa Test		%		25	-
Water absorption (24h) Lubricated	ISO 62		%		~0,9	-
					YES	-
Processing						
Drying Material	2h - 4h 100 °C					
Mold. Temperature	80 °C - 90 °C					
Processing Temperature	275 °C - 285 °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: 22/04/2012

Please contact with us for any other Information.

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