

BESTPOM H02U /02

Acetal homopolymer resin black of low fluidity, lubricated and with stabilization against ultra violet radiations (UV), Combines good mechanical properties in terms of rigidity and perfect exterior pieces or in contact with external atmospheric agents.

	Standard		Unit		Values	
					Dry	Conditioned
Generals						
Density	ISO 1183		gr /cm3		1,42	-
Melt Flow Index	ISO 1133		gr /10 min.		2,5	-
Humidity Pelets	ISO 1110		%		0,2	-
Hardness	SHORE D		Points		82	-
Mold Shrinkage	-		%		~2	-
Mechanical						
Tensile Strenght	ISO 527		N /mm2		70	-
Elogantion at break	ISO 527		%		61	-
Tensile Modulus	ISO 527		N /mm2		3000	-
Charpy Impact	23 °C ISO 179		Kj / m2		NB	-
	-40 °C ISO 179		Kj / m2		-	-
Charpy notched Impact	23 °C ISO 179		Kj / m2		11	-
	-40 °C ISO 179		Kj / m2		-	-
Electrical						
Surface Resistivity	IEC 93		Ohm		10 ¹⁵	-
Dielectric strenght	IEC 243		Kv / mm		32	-
Tracking index (C.T.I.)	IEC 112		Kv / mm		-	-
Thermal						
Deflection Temp.Under Load (H.D.T.)	0,4 N ISO 75 /A		°C		160	-
	1,8 N ISO 75 /A		°C		110	-
VICAT Temperature	ISO 306		°C		170	-
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) Lubrificated	ISO 62		%		~0,25	-
					YES	-
Processing						
Drying Material	2h - 4h 80 °C					
Mold. Temperature	40 °C - 80 °C					
Processing Temperature	180 °C - 200 °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