

TECHNICAL DATA SHEET

TRIESA

BESTPOM H02 /01

Acetal homopolymer resin natural standard of low fluidity.

As it has high viscosity is perfect to achieve pieces with good mechanical properties in terms of rigidity, stiffness and impact, is suggested for technical pieces of automotive and technical gear pieces.

	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	71	-
Elogantion at break	ISO 527	%	65	-
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	12	-
	-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

Source: Triesa Quality Control, Last Update: 22/11/2011

Please contact with us for any other Information.

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