

BESTPOLUX PCA65 /01

PC/ABS natural lubricated to achieve improvements in injection process and moulding.

	Standard		Unit	Values	
				Dry	Conditioned
Generals					
Density	ISO 1183		gr /cm3	1,14	-
Melt Flow Index	ISO 1133		gr /10 min.	-	-
Humidity Pelets	ISO 1110		%	0,2	-
Hardness	SHORE D		Points	80	-
Mold Shrinkage	-		%	-	-
Mechanical					
Tensile Strenght	ISO 527		N /mm2	55	-
Elogantion at break	ISO 527		%	>50	-
Tensile Modulus	ISO 527		N /mm2	2200	-
Izod Impact	23 °C ISO 180		Kj / m2	NB	-
	-40 °C ISO 180		Kj / m2	-	-
Izod notched Impact	23 °C ISO 180		Kj / m2	42	-
	-40 °C ISO 180		Kj / m2	-	-
Electrical					
Surface Resistivity	IEC 93		Ohm	<10 ¹⁶	-
Dielectric strenght	IEC 243		Kv / mm	35	-
Tracking lindex (C.T.I.)	IEC 112		Kv / mm	-	-
Thermal					
Deflection Temp.Under Load	0,4 N ISO 75 /A		°C	120	-
(H.D.T.)	1,8 N ISO 75 /A		°C	100	-
VICAT Temperature	ISO 306		°C	125	-
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		%	~0,2	-
Lubricated				YES	-
Processing					
Drying Material	2h - 3h 100 °C				
Mold. Temperature	60 °C - 80 °C				
Processing Temperature	245 °C - 255 °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