



Polyamide and ABS black (PA/ABS) with stabilized UV, is a PA/ABS specifically used for any pieces that requires a protection against ultra violet rays, is recommended for external pieces or in contact with external atmospheric agents.

	Standard		Unit		Values	
					Dry	Conditioned
Generals						
Density	ISO 1183	gr /cm3			1,08	-
Melt Flow Index	ISO 1133	gr /10 min.			-	-
Humidity Pelets	ISO 1110	%			0,2	-
Hardness	SHORE D	Points			78	-
Mold Shrinkage	-	%			~1	-
Mechanical						
Tensile Strenght	ISO 527	N /mm2			45	35
Elogantion at break	ISO 527	%			>50	>120
Tensile Modulus	ISO 527	N /mm2			2200	2000
Charpy Impact	23 °C ISO 179	Kj / m2			NB	NB
	-40 °C ISO 179	Kj / m2			-	-
Charpy notched Impact	23 °C ISO 179	Kj / m2			6	12
	-40 °C ISO 179	Kj / m2			-	-
Electrical						
Surface Resistivity	IEC 93	Ohm			10 [^] 13	10 [^] 10
Dielectric strenght	IEC 243	Kv / mm			40	-
Tracking lindex (C.T.I.)	IEC 112	Kv / mm			-	-
Thermal						
Deflection Temp.Under Load (H.D.T.)	0,4 N ISO 75 /A	°C			90	-
	1,8 N ISO 75 /A	°C			65	-
VICAT Temperature	ISO 306	°C			160	-
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	%			~1	-
UV Stabilized					YES	-
Processing						
Drying Material	2h - 4h 80 °C					
Mold. Temperature	60 °C - 80 °C					
Processing Temperature	220 °C - 240 °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