

Mablex[®] SA 966 PAS

PC/ASA

Prime Compound

Description:

PC/ASA blend, heat resistant grade, with Permanent Anti Static agent, designed for automotive applications, also available UV Stabilized (UV) and in all colours.

General

Density	ISO 1183	1.15	g/cm ³
Linear mould shrinkage	ISO 2577	0.5-0.7	%
MFI (260°C/5kg)	ISO 1133	20	g/10min

Thermal

HDT/A (1,82MPa)	ISO 75A	112	°C
Vicat softening point (B50 (50N))	ISO 306	127	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180	70	kJ/m ²
Izod notched impact strength (-30°C)	ISO 180	30	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	60	kJ/m ²
Tensile stress at yield	ISO 527	55	MPa
Tensile stress at break	ISO 527	50	MPa
Elongation at break	ISO 527	70	%
Flex modulus	ISO 178	2200	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Burning rate (FMVSS 302)	ISO 3795	40	mm/min
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	750	°C

Various

Surface resistivity	IEC 60093	1.00E+11	Ohm
Volume resistivity	IEC 60093	1.00E+11	Ohm.cm

Remark:

Preliminary Data Sheet