



■ Mablex® 478E

PC/ABS Blend
Prime Compound

Description:

PC/ABS blend extrusion grade V0 flame retardant antimony bromine and chlorine free, enhanced thermal stability, non blooming

General

Density	ISO 1183	1.17	g/cm ³
Linear mould shrinkage	ISO 2577	0.5-0.7	%
MFI (260°C/5kg)	ISO 1133	10	g/10min

Thermal

HDT/A (1,82MPa)	ISO 75A	94	°C
Vicat softening point (B50 (50N))	ISO 306	112	°C
Ball pressure test (75°C)	IEC 335	Pass	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180/A	50	kJ/m ²
Izod notched impact strength (-30°C)	ISO 180/A	25	kJ/m ²
Tensile stress at yield	ISO 527	50	MPa
Tensile stress at break	ISO 527	45	MPa
Elongation at break	ISO 527	45	%
Flex modulus	ISO 178	2500	MPa

Flammability

Flammability (3,2mm)	UL94	V0	
Flammability (1,6mm)	UL94	V0	
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	960	°C

Various

Surface resistivity	IEC 60093	1.00E+14	Ohm
Volume resistivity	IEC 60093	1.00E+15	Ohm.cm
Dielectric rigidity (Oil 1mm)	IEC 60243-1	30	kV/mm
CTI	IEC 60112	250	V