

Mablex[®] 466F

PC/ABS Blend
Prime Compound

Description:

PC/ABS blend high heat resistance grade, high gloss, improved flowability

General

Density	ISO 1183	1.14	g/cm ³
Linear mould shrinkage	ASTM D955	0.5 - 0.7	%
MFI (260°C/5kg)	ISO 1133	24	g/10min

Thermal

HDT/A (1,82MPa)	ISO 75A	113	°C
Vicat softening point (B50 (50N))	ISO 306	128	°C
Vicat softening point (A120 (10N))	ISO 306	138	°C
Ball pressure test (125°C)	IEC 60695-10-2	Pass	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	55	kJ/m ²
Izod notched impact strength (-30 °C)	ISO 180	30	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	62	MPa
Tensile strength at break (23 °C)	ISO 527	55	MPa
Elongation at break (23 °C)	ISO 527	50	%
Flexural modulus (23 °C)	ISO 178	2300	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Burning rate (FMVSS 302)	ISO 3795	24	mm/min
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	750	°C