

# Mablex<sup>®</sup> 319F

PC/ABS Blend  
Prime Compound

## Description:

PC/ABS Blend 20% glass fibre reinforced improved flowability

## General

Density	ISO 1183	1.27	g/cm <sup>3</sup>
Linear mould shrinkage	ASTM D955	0.2-0.3	%
MFI (260°C/5kg)	ISO 1133	14	g/10min

## Thermal

HDT/A (1,82MPa)	ISO 75A	125	°C
Vicat softening point (B50 (50N))	ISO 306	134	°C
Vicat softening point (A50(10N))	ISO 306	142	°C
Ball pressure test (75°C)	IEC 335	Pass	°C

## Mechanical

Izod notched impact strength (23°C)	ISO 180/A	9	kJ/m <sup>2</sup>
Izod notched impact strength (-30°C)	ISO 180/A	5	kJ/m <sup>2</sup>
Tensile stress at yield	ISO 527	-	MPa
Tensile stress at break	ISO 527	70	MPa
Elongation at break	ISO 527	4	%
Flex modulus	ISO 178	5200	MPa

## Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Burning rate (FMVSS 302)	ISO 3795	35	mm/min
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

## Various

CTI	IEC 112	200	V
Surface resistivity	IEC 60093	1.00E+14	Ohm
Volume resistivity	IEC 60093	1.00E+14	Ohm.cm
Dielectric rigidity (Oil 1mm)	IEC 60243-1	33	kV/mm