

# Mablex<sup>®</sup> 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 <sup>3</sup>
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	108	°C
Vicat softening point (B50 (50N))	ISO 306	125	°C
Ball pressure test (125°C)	IEC 335	Pass	°C

## Mechanical

Izod notched impact strength (23°C)	ISO 180/A	55	kJ/m <sup>2</sup>
Izod notched impact strength (-30°C)	ISO 180/A	30	kJ/m <sup>2</sup>
Tensile stress at yield	ISO 527	62	MPa
Tensile stress at break	ISO 527	55	MPa
Elongation at break	ISO 527	50	%
Flex modulus	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

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. It is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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