



# Mablex® SA 966

## Ravago Manufacturing Europe - Polycarbonate + ASA

### General Information

#### Product Description

PC/ASA blend heat resistant grade, also available UV stabilized in all colour

#### General

Material Status	• Commercial: Active		
Availability	• Europe	• North America	
Additive	• UV Stabilizer		
Features	• High Heat Resistance	• UV Stabilized	
Appearance	• Colors Available		

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	20	g/10 min	ISO 1133
Molding Shrinkage	0.50 to 0.70	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	58.0	MPa	ISO 527-2
Tensile Stress (Break)	47.0	MPa	ISO 527-2
Tensile Strain (Break)	80	%	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/A
-30°C	20	kJ/m <sup>2</sup>	
23°C	50	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	110	°C	ISO 75-2/A
Vicat Softening Temperature	127	°C	ISO 306/B50
Ball Pressure Test (75°C)	Pass		
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+15	ohms·cm	IEC 60093
Electric Strength (1.00 mm, in Oil)	24	kV/mm	IEC 60243-1
Comparative Tracking Index	225	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.6 mm		HB	
3.2 mm		HB	
Glow Wire Flammability Index (2.0 mm)	750	°C	IEC 60695-2-12

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.