



## TEREZ PC/ASA Blend 2002

(PC+ASA)

Ter Plastics

## Product Texts

PC/ASA Blend with high heat resistance and high notched impact strength

For all kind of injection moulding parts

## Rheological properties

Value

Unit

Test Standard

## ISO Data

Melt flow index, MFI	40	g/10min	ISO 1133
MFI temperature	260	°C	ISO 1133
MFI load	5	kg	ISO 1133

## Mechanical properties

Value

Unit

Test Standard

## ISO Data

Tensile Modulus	2500	MPa	ISO 527-1/-2
Yield stress	61	MPa	ISO 527-1/-2
Yield strain	2.6	%	ISO 527-1/-2
Strain at break	29	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	55	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	12	kJ/m <sup>2</sup>	ISO 179/1eA

## Thermal properties

Value

Unit

Test Standard

## ISO Data

Temp. of deflection under load (1.80 MPa)	106	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	120	°C	ISO 75-1/-2
Vicat softening temperature A	122	°C	ISO 306
Vicat softening temperature, 50°C/h 50N	120	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10

## Electrical properties

Value

Unit

Test Standard

## ISO Data

Volume resistivity	1E13	Ohm*m	IEC 60093
Surface resistivity	1E14	Ohm	IEC 60093

## Other properties

Value

Unit

Test Standard

## ISO Data

Water absorption	0.6	%	Sim. to ISO 62
Humidity absorption	0.16	%	Sim. to ISO 62
Density	1150	kg/m <sup>3</sup>	ISO 1183