


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			
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 ²	ISO 179/1eU
Charpy impact strength, -30°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	55	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	12	kJ/m ²	ISO 179/1eA
Thermal properties			
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			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 60093
Surface resistivity	1E14	Ohm	IEC 60093
Other properties			
ISO Data			
Water absorption	0.6	%	Sim. to ISO 62
Humidity absorption	0.16	%	Sim. to ISO 62
Density	1150	kg/m ³	ISO 1183