


TEREZ PC/ABS Blend 3000

(ABS+PC)

Ter Plastics

Product Texts

 Heat resistant, high impact strength, low inclination to brittle failure.
 For all kind of injection moulding parts.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	18	g/10min	ISO 1133
MFI temperature	220	°C	ISO 1133
MFI load	10	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	2300	MPa	ISO 527-1/-2
Tensile Strength	85	MPa	ISO 527-1/-2
Yield stress	50	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Strain at break	50	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	60	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	110	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	130	°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
Other properties			
ISO Data			
Water absorption	0.5	%	Sim. to ISO 62
Density	1140	kg/m ³	ISO 1183