


TEREZ PC/ABS Blend VN 24

(ABS+PC)

Ter Plastics

Product Texts

 Heat resistant PC/ABS Blend with high impact strength and low inclination to brittle failure.
 For all kind of injection moulding parts.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	16	g/10min	ISO 1133
MFI temperature	250	°C	ISO 1133
MFI load	5	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	2600	MPa	ISO 527-1/-2
Yield stress	54	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	14	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	65	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	106	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	122	°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	1E16	Ohm*m	IEC 60093
Surface resistivity	1E14	Ohm	IEC 60093
Other properties			
ISO Data			
Water absorption	0.6	%	Sim. to ISO 62
Density	1120	kg/m ³	ISO 1183