


TEREZ PC 1005

PC

Ter Plastics

Product Texts

Good flowability Polycarbonate with demoulding aid.
 Suitable for production of different kinds of injection moulding parts.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
MFI temperature	300	°C	ISO 1133
MFI load	1.2	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	2300	MPa	ISO 527-1/-2
Yield stress	45	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Strain at break	40	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	15	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	130	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	145	°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			
Comparative tracking index	200	-	IEC 60112
Other properties			
ISO Data			
Water absorption	0.35	%	Sim. to ISO 62
Density	1200	kg/m ³	ISO 1183