


TEREZ PC 1007 GF 20

PC

Ter Plastics

Product Texts

Polycarbonat, 20% glassfiber reinforced with release agent. Medium to high flowability.
 Suitable for manufacturing of stiffer, thinwalled injection moulding parts.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
MFI temperature	300	°C	ISO 1133
MFI load	1.2	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	5200	MPa	ISO 527-1/-2
Yield stress	85	MPa	ISO 527-1/-2
Charpy notched impact strength (+23°C)	10	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	145	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	150	°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	>1E15	Ohm	IEC 60093
Electric strength	29	kV/mm	IEC 60243-1
Comparative tracking index	175	-	IEC 60112
Other properties			
ISO Data			
Water absorption	0.29	%	Sim. to ISO 62
Density	1350	kg/m ³	ISO 1183