


TEREZ PC 9005 GF 10 FL

PC

Ter Plastics

Product Texts

Polycarbonate with medium flowability as well as 10% glass fibre reinforcement and flame retardant.
 For all 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	4500	MPa	ISO 527-1/-2
Tensile Strength	70	MPa	ISO 527-1/-2
Yield strain	2.1	%	ISO 527-1/-2
Strain at break	4	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	8	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	140	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	145	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Other properties			
ISO Data			
Density	1260	kg/m ³	ISO 1183