


TEREZ PC 9005 GF 25

PC

Ter Plastics

Product Texts

Polycarbonat medium flowability with 25% glass fiber
 For all kind of injection molding parts increased requirements of rigidity

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	13	g/10min	ISO 1133
MFI temperature	300	°C	ISO 1133
MFI load	1.2	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	5850	MPa	ISO 527-1/-2
Tensile Strength	90	MPa	ISO 527-1/-2
Yield stress	95	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	80	MPa	ISO 527-1/-2
Strain at break	2.5	%	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)	147	°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
Other properties			
ISO Data			
Water absorption	0.25	%	Sim. to ISO 62
Density	1370	kg/m ³	ISO 1183