



TEREZ PC 9005 GF 30 FL			
PC			Ter Plastics
Product Texts			
Polycarbonat medium flowability with 30% glass fiber and flame retardants For all kind of injection molding parts increased requirements of rigidity			
Rheological properties			
	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8	g/10min	ISO 1133
MFI temperature	300	°C	ISO 1133
MFI load	1.2	kg	ISO 1133
Mechanical properties			
	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9000	MPa	ISO 527-1/-2
Yield stress	130	MPa	ISO 527-1/-2
Stress at break	110	MPa	ISO 527-1/-2
Strain at break	2	%	ISO 527-1/-2
Charpy impact strength (+23°C)	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	10	kJ/m ²	ISO 179/1eA
Thermal properties			
	Value	Unit	Test Standard
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.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Other properties			
	Value	Unit	Test Standard
ISO Data			
Water absorption	0.26	%	Sim. to ISO 62
Density	1430	kg/m ³	ISO 1183