



TEREZ PC X 9005 GF 5			
PC			Ter Plastics
Product Texts			
Polycarbonate, medium flowability, 5% glass fibre reinforced. For injection molded parts with increased demand of stiffness.			
Rheological properties			
	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	11	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	3100	MPa	ISO 527-1/-2
Stress at break	63	MPa	ISO 527-1/-2
Strain at break	22	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	9	kJ/m ²	ISO 179/1eA
Thermal properties			
	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	125	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	139	°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			
	Value	Unit	Test Standard
ISO Data			
Water absorption	0.32	%	Sim. to ISO 62
Density	1240	kg/m ³	ISO 1183