



TEREZ PC 9005 SZ			
PC			Ter Plastics
Product Texts			
Medium viscosity Polycarbonat with impact modification. For injection moulded parts with increased demand on impact strength.			
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			
	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2500	MPa	ISO 527-1/-2
Tensile Strength	65	MPa	ISO 527-1/-2
Yield strain	6	%	ISO 527-1/-2
Strain at break	50	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	60	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	140	°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	0.35	%	Sim. to ISO 62
Density	1190	kg/m ³	ISO 1183