



<b>TEREZ PC 1005 GF 10 FL UV</b>			
PC			Ter Plastics
<b>Product Texts</b>			
Polycarbonate, medium flowability, 10% glassfiber reinforced, flame retardant and UV-stabilized. For injection moulding parts with increased requirements in rigidity.			
<b>Rheological properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	8	g/10min	ISO 1133
MFI temperature	300	°C	ISO 1133
MFI load	1.2	kg	ISO 1133
<b>Mechanical properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	3500	MPa	ISO 527-1/-2
Tensile Strength	60	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	7	%	ISO 527-1/-2
Charpy impact strength (+23°C)	45	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	9	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
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
<b>Other properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Water absorption	0.31	%	Sim. to ISO 62
Density	1270	kg/m <sup>3</sup>	ISO 1183
<b>Characteristics</b>			
<b>Special Characteristics</b>			
Flame retardant, Light stabilized or stable to light			