


**TEREZ PC 2009 GF 15**

PC

Ter Plastics

**Product Texts**

Polycarbonate, 15 % glassfiber reinforced.  
 For all kind of moulding parts with increased demand of stiffness.

<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>ISO Data</b>			
Tensile Modulus	4800	MPa	ISO 527-1/-2
Tensile Strength	80	MPa	ISO 527-1/-2
Yield strain	1.8	%	ISO 527-1/-2
Strain at break	2.5	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	8	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	140	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	145	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	175	-	IEC 60112
<b>Other properties</b>			
<b>ISO Data</b>			
Water absorption	0.3	%	Sim. to ISO 62
Density	1300	kg/m <sup>3</sup>	ISO 1183