



## CENTROCARB GF / PC GF 30

Product information	
Trade name:	CENTROCARB GF
Abbreviation ISO 1043:	PC GF 30
Designation:	Polycarbonate 30 % glass fibre
Type of polymer:	Thermoplastic
Food compliance BfR:	No
Food compliance FDA:	No
Colour:	Natural

Short description
<p>During the modification with PC GF 30, the basic polycarbonate polymer is reinforced with 30% short-glass-fibres. This leads to stiffness of the composite material and an increased heat distortion resistance at the same time. The effect of tension tears is reduced. The maximum short-term highest applicable temperature is increased to 140 °C. Due to the outstanding electrical properties, PC GF 30-plastics are often used as insulation parts in the electronics industry.</p>

Properties		
➤ Density:	1.43 g/cm <sup>3</sup>	ISO 1183
➤ Tensile modulus of elasticity:	5,000 MPa	ISO 527-2
➤ Specific surface resistance:	10 <sup>16</sup> Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	140 °C	

Field of use	Field of application
➤ Automotive industry	➤ Insulating components
➤ Electrical industry	➤ Structural elements
➤ Mechanical engineering	
➤ Medical technology	
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	10 – 125 mm
 Plates	10 – 50 mm
Stock lengths:	1,000 mm   3,000 mm
Width:	500 mm
Tolerance length:	0% to +3%
Tolerance width:	+1% to +4%
<b><i>Additional dimensions available on request.</i></b>	