

## CENTROCARB / PC

Product information	
Trade name:	CENTROCARB
Abbreviation ISO 1043:	PC
Designation:	Polycarbonate
Type of polymer:	Thermoplastic
Food compliance BfR:	No
Food compliance FDA:	Yes
Colour:	Colourless transparent

Short description
<p>PC (industrial quality) is an amorphous thermoplastic with a crystallinity below five per cent. The plastic distinguishes itself through its high toughness, excellent electrical insulation properties and heat distortion resistance. PC is applicable within a temperature range of -60 to +130 °C. Due to its transparency, PC-plastics are often used as optical parts, in particular in electronic and medical engineering. FDA approval assures physiological safety. PC is colourless transparent.</p>

Properties		
➤ Density:	1.20 g/cm <sup>3</sup>	ISO 1183
➤ Tensile modulus of elasticity:	2,400 MPa	ISO 527-2
➤ Specific surface resistance:	10 <sup>15</sup> Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	130 °C	

Field of use	Field of application
➤ Automotive industry	➤ Containers
➤ Electrical industry	➤ Distributor blocks
➤ Mechanical engineering	➤ Optical components
➤ Medical technology	
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	10 – 125 mm
 Plates	10 – 100 mm
Stock lengths:	1,000 mm   3,000 mm
Width:	500 mm   610 mm
Tolerance length:	0% to +3%
Tolerance width:	+1% to +4%
<b><i>Additional dimensions available on request.</i></b>	