



CENTROCARB PC

Colourless and form-stable

Polycarbonates are translucent thermoplastics and are produced through conversion of bisphenol A with phosgene. PCplastics distinguish themselves through a wide spectrum of interesting and high-quality material properties. They are heat distortion resistant, very tough, can be sterilised and possess excellent electrical insulation properties. Based on

their transparency, polycarbonates are often used as optical parts such as cover boxes or windows for measuring and switch devices.

MATERIAL PROPERTIES

Water absorption:	less good
Strength, Hardness, Toughness:	good
Temperature for usage in air:	good
Dimensional stability, Heat distortion temperature:	good
Bond-, Weld- and Machinability:	good
Acid and Chemical resistance:	good

PRODUCT INFORMATION

Designation:	Polycarbonate
Other names:	–
Abbreviation ISO 1043:	PC
CAS-Number:	–
Type of polymer:	Thermoplastic
Molecular Shapeula:	C15H16O2 + CCl2O



FIELD OF APPLICATION

- › Containers
- › Insulating components

MODIFICATIONS

- › PC
- › PC GF 30