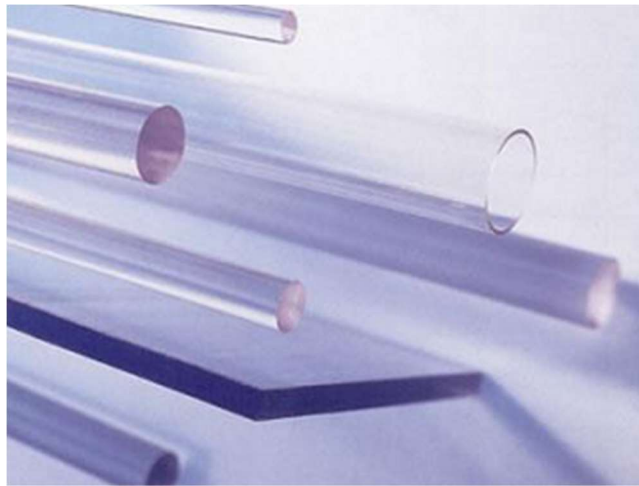


PC solid



Polycarbonate is a thermoplastic with an amorphous structure. It stands out by high durability, impact strength, hardness and good stability at low temperatures and under heat conditions. It is a transparent material with high light transmittance. Depending on the method of surface treatment, you can obtain either glossy or matte surfaces. PC absorbs water but in low level. In addition, it is characterized by very high dimensional stability, low shrinkage and good processing susceptibility. In contrast to PMMA, polycarbonate can work up to 90 degrees (C) without losing its basic optical properties. We offer transparent sheets with glossy surface.

Properties:

- High mechanical strength and stiffness
- High impact strength, also at low temperatures
- Very good creep resistance
- Dimensionally stable
- Very low water absorption
- Physiological indifference (the possibility of use in direct contact with food products)
- Good electrical insulation
- Good dielectric properties, also when working in a humid environment
- High resistance to weather conditions
- Self-extinguishing
- Chemically resistant to petrol, oils, dilute acids

- The possibility of thermoforming and cold bending

Application:

- Filling doors and windows
- Elements of decor and interior design
- Roofing and vertical glazing
- Acoustic screens
- Car fairings
- Advertising boards
- Machine shields, protective masks
- Lamp shades
- Fireflies