

Polycarbonate

Impact Resistant Display Windows

Polycarbonate means durability and safety of your electronic display due to its high shock and impact resistance and fire rating possibilities.

Base Material

Polycarbonate is a material with excellent mechanical and optical properties. It is the obvious choice for your display window solution when impact resistance is of high importance.

Typical Applications

Polycarbonate is typically used in displays in tough environments exposed to vandalism. Due to its impact resistance, polycarbonate is often chosen

for outdoor information boards and passenger information systems in mass transportation vehicles, bus- and train stations and aeroplanes.

Customisation

The material is easily machined, cut and formed. EMI-shielding mesh, silk-screen printing and coatings are successfully combined with polycarbonate.

As standard, the poly-

carbonate comes in clear material but PSC also offers customised tinted polycarbonate grades, optimised for LED applications. Thereby features such as contrast enhancement and customer specific colour designs can be added to the display.

Polycarbonate is available in several grades for different flammability ratings.

- 85% light transmission
- Low weight
- Thickness from 0.5 mm
- Available in clear and tinted

