

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.

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.

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.

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

As standard, the polycarbonate 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. For more information regarding colour customization and flammability ratings see our High-Demand Polycarbonate.



Technical Data

Light transmission	>85% (clear)
Colours	Clear and custom tinted
Standard thicknesses	From 0,5 mm
Maximum dimensions	2050 x 3300 mm