

TECHNICAL DATA SHEET

Polycarbonate

Material code: PC

Near-unbreakable and clear, with good heat resistance. Premium choice for machine guards, safety barriers and security glazing.

COMPARATIVE PROPERTIES

Impact resistance		10/10
Chemical resistance		5/10
UV / weather resistance		7/10
Heat resistance		7/10
Machinability		7/10
Optical clarity		9/10

KEY FACTS

Max service temp	120 °C
Density	1.2 g/cm³
Weight class	Medium
Cost tier	Premium
Food-safe grade available	Yes
Weldable	No

TYPICAL APPLICATIONS

- Machine guards
- Safety barriers
- Bullet-resistant glazing

This is a Technical Data Sheet, not a Safety Data Sheet (SDS). Property ratings are indicative comparative values for material selection only and are not guaranteed engineering figures — confirm critical properties against the manufacturer's data before design. For handling, storage and hazard information, refer to the manufacturer's SDS. Grades, colours and thicknesses vary; contact us to confirm suitability for your application.