

TECHNICAL DATA SHEET

Acrylic (PMMA)

Material code: ACRYLIC

Optically clear, UV-stable and beautifully machinable, but brittle and not weldable. The go-to for displays, signage and glazing.

COMPARATIVE PROPERTIES

Impact resistance		4/10
Chemical resistance		4/10
UV / weather resistance		9/10
Heat resistance		5/10
Machinability		9/10
Optical clarity		10/10

KEY FACTS

Max service temp	70 °C
Density	1.19 g/cm³
Weight class	Medium
Cost tier	Mid-Range
Food-safe grade available	Yes
Weldable	No

TYPICAL APPLICATIONS

- Displays
- Signage
- Sneeze guards
- 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.