

TECHNICAL DATA SHEET

Polypropylene

Material code: PP

Light, excellent chemical resistance and weldable, with higher heat tolerance than HDPE. Ideal for chemical and water-treatment fabrication.

COMPARATIVE PROPERTIES

Impact resistance		7/10
Chemical resistance		9/10
UV / weather resistance		5/10
Heat resistance		7/10
Machinability		7/10
Optical clarity		2/10

KEY FACTS

Max service temp	100 °C
Density	0.91 g/cm³
Weight class	Light
Cost tier	Budget
Food-safe grade available	Yes
Weldable	Yes

TYPICAL APPLICATIONS

- Chemical tanks
- Water treatment
- Lab equipment

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.