

TECHNICAL DATA SHEET

Acetal (POM)

Material code: ACETAL

Outstanding machinability and dimensional stability. The first choice for precision machined parts, gears and jigs.

COMPARATIVE PROPERTIES

Impact resistance		7/10
Chemical resistance		7/10
UV / weather resistance		3/10
Heat resistance		7/10
Machinability		10/10
Optical clarity		1/10

KEY FACTS

Max service temp	100 °C
Density	1.41 g/cm³
Weight class	Heavy
Cost tier	Mid-Range
Food-safe grade available	Yes
Weldable	No

TYPICAL APPLICATIONS

- Precision parts
- Gears
- Bearings
- Jigs

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.