

TECHNICAL DATA SHEET

PEEK

Material code: PEEK

Premium high-performance plastic with outstanding heat and chemical resistance. For demanding bearings, seals and high-temperature components.

COMPARATIVE PROPERTIES

Impact resistance		6/10
Chemical resistance		9/10
UV / weather resistance		6/10
Heat resistance		10/10
Machinability		6/10
Optical clarity		1/10

KEY FACTS

Max service temp	250 °C
Density	1.32 g/cm³
Weight class	Medium
Cost tier	Premium
Food-safe grade available	Yes
Weldable	No

TYPICAL APPLICATIONS

- High-temp components
- Bearings
- Seals
- Medical & aerospace

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.