

Polymers for aerospace

Take off with high performance polymers

Plastic materials present a serious choice for aerospace design engineers. As the drive continues for aircraft to be light, fuel efficient and at the same time mechanically stable and absolutely safe, components machined from engineering plastics and composites offer many benefits.

- Lighter than aluminium
- More corrosion resistant than metals
- Will operate at temperatures from cryogenic to above 450°C
- High mechanical stability
- Low-maintenance
- Flame resistant/low smoke emissions

Röchling offers aerospace plastics approved to Airbus and industry standards, designed for this demanding environment.



SustaPEEK bearing cages

Machining capabilities and technical expertise

We offer a responsive manufacturing service complete with technical support for material selection, design optimisation and economic solutions.

With a strong focus on lean manufacturing, our 3 UK operations provide the facilities to machine high tolerance parts in dimensions from 0.5mm to over 3000mm. Specialists in complex geometries. Batch sizes from prototype to production volumes.

AS9100D accredited



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