

Datasheet

Beige Polyetheretherketone (PEEK) Rod

RS Stock number 297-0096



Chemical Designation: Polyetheretherketone

DIN Abbreviation: PEEK GF 30

Colour, Filler: Beige
30% glass fibres

TECAPEEK GF 30 is a 30% glass fibre reinforced semi-crystalline high performance thermoplastic for very highly demanding applications.

- Main characteristics:
- Very high thermal mechanical strength
 - Good chemical resistance
 - Hydrolysis resistant even against super heated steam
 - High abrasion resistance
 - Very high creep resistance
 - Very rigid
 - Good dimensional stability
 - Electrically insulating
 - High resistance to gamma radiation
 - Good machinability



Preferred fields: Electrical, mechanical and automotive engineering, nuclear and vacuum technology, transport and conveyor technology, textile, packaging, paper processing machinery, precision and chemical engineering, aircraft and aerospace industries, plant construction

- Applications:
- Plug parts
 - High thermal mechanical demand parts
 - Housing parts
 - Thrust / distance pieces
 - Light sockets
 - Catalyst supports
 - Flanges
 - Rubbing strips
 - Support rings