

PEEK GF30 Ultimate

Product Datasheet

Plastic with 30% glass fibre fill

PEEK GF30 Ultimate is a high-performance plastic reinforced with glass fibre.

As with all our plastic derivatives, PEEK GF30 Ultimate offers the same performance characteristics as our standard material, PEEK 450G. The addition of glass fibre increases the performance characteristics even further.

PEEK GF30 combines high rigidity with superior dimensional stability and provides very high stiffness with improved toughness. This performance plastic has the best static load over more extended periods in higher-temperature service. Tipped tooling is necessarily when machining due to the materials glass fibre content.



Characteristics

- High rigidity and superior dimensional stability
- Higher compression capability
- Higher continuous service temperature
- Very high stiffness and Improved toughness
- Best high static load over long periods at high temperature
- Less suitable for bearing and wear application

Applications

- Strut mounts front and rear suspension
- Control arm linkages
- Gear link bushes
- Fuel line insulators
- Valve components
- Electrical components
- Chassis components

About Smiths High Performance

Smiths High Performance is a leading stockholder and supplier of high-performance engineering materials to the global motorsport sector. We are supply partners in a range of specialist motorsport markets including Formula 1, Formula E, NASCAR, MOTO GP, WEC & WRC.