

PEEK 450G Ultimate

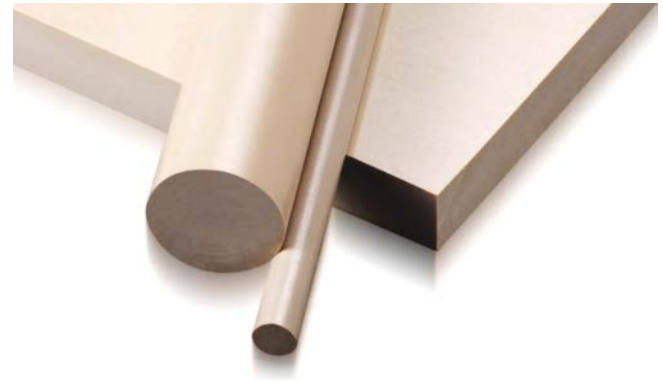
Product Datasheet

A performance alloy alternative...

PEEK 450G Ultimate (unfilled) is our unmodified plastic product for motorsport applications.

PEEK 450G provides a combination of properties which makes it a viable alternative to alloys in certain engineering areas.

The material offers high-temperature resistance and superior wear and abrasion resistance. The chemical resistance of our product is also outstanding. With excellent dimensional stability combined with high creep resistance, PEEK 450G Ultimate offers engineering solutions in motorsport which can provide potentially weight-saving options without any compromise in overall reliability or performance.



Characteristics

- High-temperature resistance
- Superior wear resistance
- Superior abrasion resistance
- Outstanding chemical resistance
- Excellent dimensional stability
- High creep resistance

Applications

- Valve timing drives
- High-pressure seal rings
- Timing chain tensioners
- 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.