

# PEEK 450G Ultimate

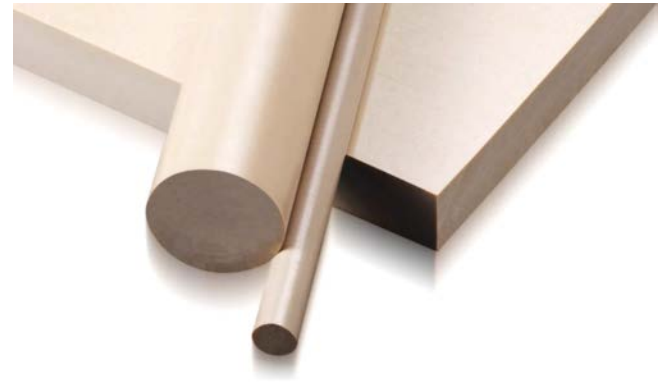
## Product Datasheet

### A performance alloy alternative...

PEEK 450G Ultimate (unfilled) is our unmodified plastic product designed specifically 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 extremely good wear and abrasion resistance. The chemical resistance of our product is also outstanding. With excellent dimensional stability and high creep resistance, **PEEK 450G Ultimate** offers engineering solutions in motorsport which can offer potentially weight saving options without any compromise in overall reliability or performance.



#### Characteristics

- High temperature resistance
- Extremely good wear resistance
- Extremely good 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.