

PEEK CF30

Smiths High Performance



Revision: SHP/english/datasheets/peek-cf30/12.02.2025

Page: 1 of 1

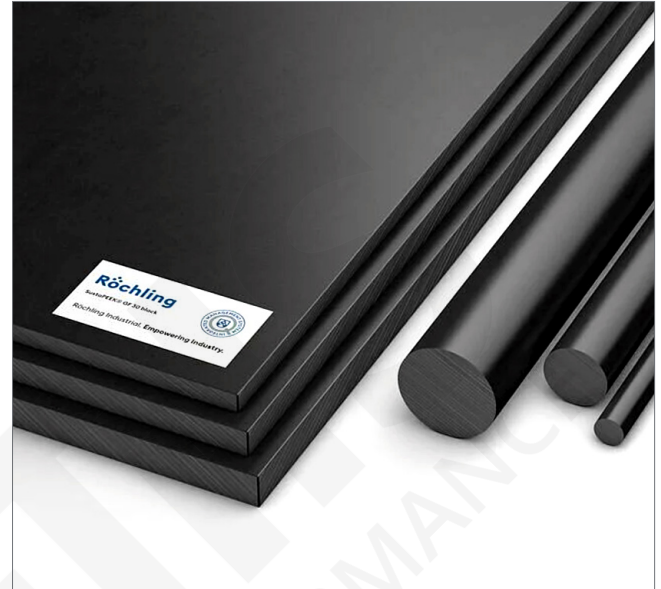
Reinforced with carbon fibre

PEEK CF30 (30% carbon fibre) offers the same performance characteristics as VICTREX™ PEEK 450G™ with additional benefits.

PEEK CF30 offers higher mechanical strength and rigidity than VICTREX™ PEEK 450G™.

The material provides even higher creep resistance, and the dimensional stability of the plastic is also very high. The expansion of the product under any change in temperature is low. As the product is carbon fibre reinforced, tipped tooling is a requirement during machining.

As with all our plastic products, Smiths High Performance provides material which gives racing car designers options which would otherwise, be unavailable.



Characteristics:

- Low coefficient of thermal expansion
- High mechanical strength and rigidity
- Very high dimensional stability
- Higher creep resistance
- Low abrasion due to fibre particle size
- Higher heat conductivity/dissipation

Applications:

- Barrel throttle for controlling airflow
- Thrust washers
- Heat resistant front end accessory drives (FEAD)
- Seals for mechatronic and lubrication systems
- Valve components
- Electrical components
- Chassis components

About Smiths High Performance

Smiths High Performance is a leading stockholder and supplier of high-performance engineering materials. We are material supply chain partners supporting high-technology market sectors.

www.smithshp.cominfo@smithshp.com

Unit 3, Juno Place
Stratton Business Park
Biggleswade SG18 8XP

Tel: +44 (0)1767 604 708



All information in our data sheet is based on approximate testing and is stated to the best of our knowledge and belief. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of trading.