



Apium enables the highest part quality in the additive production of high-performance polymers.

High part quality starts with the material. Apium filaments are the best choice for industrial and medical applications.

## Apium PEEK

PEEK is the recommended material for your functional prototype parts, functional one-off parts and spare parts. Due to its high strength and its high melting point it can be used as a replacement material for metals.



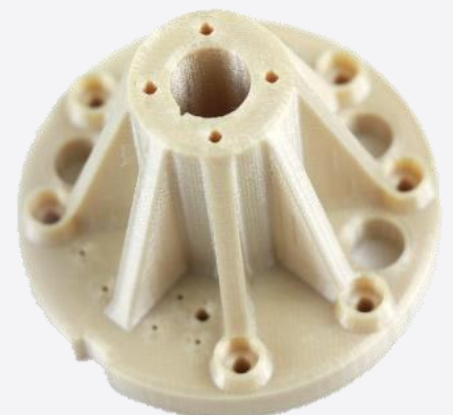
## Apium CFR PEEK

CF PEEK with 30 % carbon fibres is preferred over unfilled PEEK if a relatively higher stiffness of your part is required. Printed parts can be injection mould inserts or function as a clutch hub: wherever high process temperatures and high strength apply.



## Apium PEI 9085

Apium PEI 9085 is commonly used in aerospace because of its low density, therefore saving fuel and energy in airplanes. With its high tensile strength, it can be used for functional parts as well as PEEK, and with its flame resistance and low smoke generation, it is preferred over PEEK in aircrafts.



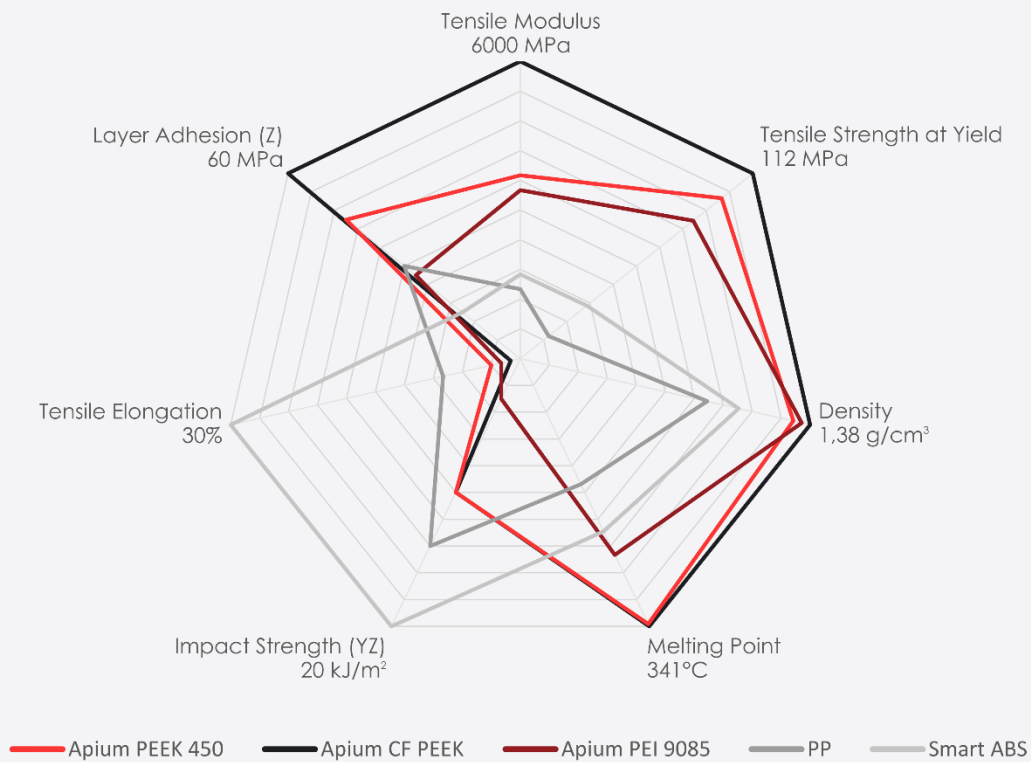
## Apium PP

For parts that require absolute water tightness, Apium PP is the right material. With its relatively high impact strength and chemical resistance, it can be used in pipelines, air conditioners and even in the shape of meshes in medicine.



## Apium Smart-ABS

With its high tensile elongation and impact strength, Apium Smart ABS is chosen in applications like housings for phones and visible parts in automotive, and in parts where tensile strength and tensile modulus don't play a critical role.



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