

FIL-A-GEHR[®]

Filaments for professional 3D printing



»» PEEK

The semi-crystalline polyetheretherketone **FIL-A-GEHR PEEK** offers outstanding mechanical, thermal and chemical resistance. Thanks to its well-balanced property profile, PEEK is one of the most capable high-performance thermoplastics available.

Properties **FIL-A-GEHR**

- » Highest precision in diameter and roundness
- » Filaments made of high-quality raw materials
- » Compatible with all open-system 3D printers
- » Low-emission and odour free
- » Void-free
- » Good layer adhesion
- » Ideal flow behaviour while printing
- » Carefully spooled and packed in easy to use aluminium-laminated resealable zip bags

RANGE OF PRODUCTS

Diameter	1 kg-spool
1.75 mm	●
2.85 mm	●

Colour: ● natural



FEATURES

- » Excellent combination of strength, stiffness and toughness
- » Low moisture absorption
- » Exceptional chemical resistance
- » Maximum continuous operating temperature 260 °C
- » Excellent sterilisation and hydrolysis resistance
- » Self-extinguishing, low smoke emission
- » Print temperature 375 °C, chamber temperature 180 °C

APPLICATION

- » Aviation
- » Transport
- » Oil and gas (supporting rings and supply lines)



GEHR, Specialist In Plastics – Premium Quality Since 1932

We extrude thermoplastic semi-finished materials and rank amongst the global leading producers of technical semi-finished products. **FIL-A-GEHR®** expands our product range with plastic filaments for 3D printers. GEHR produces the filaments in Mannheim and has been representing innovation and premium quality since 1932.