

FIL-A-GEHR®

Filaments for professional 3D printing



 **PEEK**


MEDI-GEHR®

MEDI-FIL-A-GEHR PEEK® is suitable for medical and pharmaceutical applications in direct body contact with tissue, bone, skin and mucous membrane up to 24 hours. They have been tested and evaluated by independent, accredited test laboratories and meet the following biocompatibility requirements:

- ISO 10993-5: Tests for in vitro cytotoxicity
- ISO 10993-18: Chemical characterization of materials
- USP Class VI



PROPERTIES FIL-A-GEHR®

- » Highest precision in diameter and roundness
- » Filaments made of high-quality raw materials
- » 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 | ● |

Colour: ● natural



FEATURES

- » Excellent combination of stiffness, rigidity and toughness
- » Low moisture absorption
- » Exceptional chemical resistance
- » Maximum continuous operating temperature 260 °C
- » Excellent sterilization and hydrolysis resistance
- » Self-extinguishing, low smoke development
- » Print temperature 375 °C, Chamber temperature 180 °C



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.