

# FIL-A-GEHR<sup>®</sup>

Filaments for professional 3D printing



 **PC/ABS**

**FIL-A-GEHR PC/ABS®** combines the properties of two exceptional FDM thermoplastics: the high impact strength and heat deflection temperature of PC with the high toughness at low temperatures and the good processability of ABS.

### FEATURES FIL-A-GEHR

- » Extremely close tolerances +/- 0,05mm
- » Filaments made of high-quality raw materials
- » Low-emission and odour free
- » Shrinkage-free
- » Good layer adhesion
- » Optimal flow behaviour while printing
- » Carefully spooled and packed in easy to use aluminium-laminated resealable zip bags

### PRODUCT RANGE

Ø (Tolerances)	1 kg spool	2,3 kg spool
1.75 mm (+/- 0,05 mm)	●	●
2.85 mm (+/- 0,05 mm)	●	●

Colours: ● black



### DISTINCTIVE FEATURES

- » Optimized flow behavior
- » Heat deflection temperature between 110 °C and 135 °C
- » High notch impact strength values over wide temperature range
- » High dimensional stability
- » Low susceptibility to warping
- » Surface is ideal for painting and adhesive bonding

### TYPICAL APPLICATIONS

- » Housing components
- » Power tools prototypes
- » Automotive industry
- » Connectors and switches



### 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.