

# FIL-A-GEHR<sup>®</sup>

Filaments for professional 3D printing



 PPA

**FIL-A-GEHR PPA® (Nylon)** is a particularly stiff and hard material with low warpage in 3D printing.

### FEATURES FIL-A-GEHR

- » Extremely close tolerances +/- 0,05 mm (+/- 0,002")
- » 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 re-sealable zip bags

### PRODUCT RANGE

ø (Tolerances)	1 kg Spool (~2,2 lbs)
1.75 mm (+/- 0.05 mm) 0,07" (+/- 0,002")	●
2.85 mm (+/- 0.05 mm) 0,11" (+/- 0,002")	●

Colours: ● natural



### DISTINCTIVE FEATURES

- » High stiffness, modulus of elasticity (3000 MPa)
- » Very high stability (Tensile Stress at Yield 100MPa)
- » Very good layer adhesion
- » High hardness level
- » Low warpage
- » Heat resistance up to approx. 105° C

### TYPICAL APPLICATIONS

- » Replacement for metal and carbon fibre filled PLA
- » Components in the engine compartment
- » Fittings for water pipes / water meter housings



### 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.