

FIL-A-GEHR[®]

Filaments for professional 3D printing



» PLA

FIL-A-GEHR PLA® is made from NatureWorks Ingeo™ biopolymer for precise, failure-free and extreme robust/stable 3D printing.

FEATURES

- » Extremely close tolerances +/- 0,05 mm (+/- 0,002")
- » High dimensional stability
- » Very good layer adhesion
- » Low-emission and odour free
- » Optimal flow behaviour while printing
- » No embrittlement on the spool (Long term flexural test)
- » Raw material has food contact and toy safety approval
- » High stiffness/high modulus of elasticity

PRODUCT RANGE

ø (Tolerances)	1 kg spool (~2,2 lbs)	2,3 kg spool (~5,1 lbs)
1,75 mm (+/- 0,05 mm) 0,07" (+/- 0,002")	● ● ● ● ● ●	● ● ● ● ● ●
2,85 mm (+/- 0,05 mm) 0,11" (+/- 0,002")	● ● ● ● ● ●	● ● ● ● ● ●

Colours: black ~ RAL 9005, blue ~ RAL 5015, red ~ RAL 3000, white ~ RAL 9010, yellow ~ RAL 1037, green transparent – more colours available on request.



DISTINCTIVE FEATURES

- » Filaments made of high-quality raw materials
- » Compatible with all standard 3D printers
- » Shrinkage-free
- » No heated printbed required
- » Low nozzle temperature requirement/Low power consumption
- » Carefully spooled and packed in easy to use re-sealable zip bags

TYPICAL APPLICATIONS

Due to the excellent low shrinkage and low elongation factors there are no size limitations to your finished parts, also well suited for very large and dimensionally stable objects e.g. molds for cast-bronze and high precision temporary parts.



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.