

FIL-A-GEHR®

Filaments for professional 3D printing



» ABS

FIL-A-GEHR ABS® for precise, failure-free 3D printing with excellent mechanical properties.

FEATURES

- » Low-emission and low-odour
- » Compliant to European Toy Safety Norm EN71-3
- » Raw material has food contact and medical approval
- » Extremely close tolerances +/- 0,05 mm (+/- 0,002")
- » Very good layer adhesion
- » High stability and impact strength
- » Optimal flow behaviour while printing
- » Heat resistant up to approx. 100 °C (212 °F)

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 – more colours available on request.



DISTINCTIVE FEATURES

- » Filaments made of high-quality raw materials
- » Compatible with all standard 3D printers
- » Free of voids
- » Easy post-processing / surface treatment
- » Carefully spooled and packed in easy to use re-sealable zip bags

TYPICAL APPLICATIONS

Particularly suitable for small and medium-sized objects, functional prototypes, thermostable parts, e.g. model making.



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.