

FIL-A-GEHR[®]

Filaments for professional 3D printing



 **PLA HT**

FIL-A-GEHR PLA HT® is a new type of biopolymer on PLA basis. It has an increased thermal stability, which allows its use in temperatures 20 degrees higher than the temperatures used for standard PLA.

DISTINCTIVE FEATURES FIL-A-GEHR PLA HT

- » Increased thermal stability
- » Good layer adhesion
- » Increased impact strength

PRODUCT RANGE

Diameter	1 kg spool
1.75 mm (+/- 0,05 mm)	●
2.85 mm (+/- 0,05 mm)	●

Colour: : ● natural



FEATURES FIL-A-GEHR

- » Extremely close tolerances
- » Filaments made of high-quality raw materials
- » Low-emission and odour free
- » Shrinkage-free
- » Good layer adhesion
- » Carefully spooled and packed in easy to use re-sealable zip bags

TECHNICAL DATA

<i>MFR</i> 210 °C/2, 16 kg	9-15 g/ 10 min
Tensile Stress at Yield <i>ISO 527</i>	25 MPa
Tensile Modulus <i>ISO 527</i>	2200 MPa
Density <i>ISO 21183</i>	1220 kg / m ³
Melting Point <i>ASTM D3418</i>	165-180 °C

TYPICAL APPLICATIONS

- » High precision parts
- » Large dimensionally stable products