



FGFT® PLA 55% Copper

Item no.: PLA-55COP-NA01-X-XX

Technical information

Description	Method	Typical value
Specific gravity	ISO 1183	2,36 g/cc
MFI 210 °C/ 2,16 kg	ISO 1133	41,3 gr/ 10 min
Tensile modulus (E)	ISO 527	Mpa
Tensile strength at yield	ISO 527	35 Mpa
Tensile strength at break	ISO 527	27 Mpa
Elongation at break		
Impact strength – charpy method 23 °C	ISO 179	3,8 kJ/m2
Vicat	ISO 306	°C
Mold shrinkage		

FGFT® PLA Copper is a compound infused with copper particles to create a stunning metallic appearance. Perfect for decorative models, artistic sculptures, and functional prints that require a real metal-like finish. With this compound, you can achieve a metal appearance without the challenges of printing real metal, making it ideal for artistic and decorative applications.

Material features:

- Metallic finish
- Easy to Print
- Non-abrasive
- Eco-friendly and durable
- Great for post-processing

Printing recommendations

Pre-drying	Hot air °C / hrs - dry air °C / hrs
Zone 1 temperature	°C
Zone 2 temperature	°C
Zone 3 temperature	°C
Zone 4 temperature	°C
Mass temperature	°C
Die temperature	°C
Max. moisture content	%

Applications:

Additional information:

- Store cool and dry (15-25 °C)
- Available in cylindricals and UWG
- For FGF applications

All raw materials used in the production of products are in conformity with the REACH regulation (EC) no. 1907/2006.

Disclaimer: All above-mentioned data have been carefully checked according specific testing procedures and/or based on of raw material data and experience with compatible formulations. The data are provided for informational purposes only.

Therefore, no guarantee or warranty can be expected from these data. They are part of the quality and delivery specifications.

The applicability of the product should be tested under local processing conditions at the converter.