



# PRODUCT DATASHEET

We give every grain a purpose.

## Copper 99,95 % -45+15 micr

### Metal powder for additive manufacturing

#### PRODUCT DESCRIPTION

Gas atomized – High Conductivity Copper powder.

#### KEY FEATURES

Safina produce high quality powders with perfect traceability and repeatability and have very good sphericity, excellent flowability, low oxygen content, satellites free, high electrical and thermal conductivity.

#### APPLICATIONS

Recommended for 3D printed parts where high thermal and electrical conduction is required.

#### TYPICAL PROPERTIES

PHYSICAL DATA:		
Apparent Density	4,5 - 5,0	g/cm <sup>3</sup>
Flowability (50 g)	14,5	s

CHEMICAL DATA:		
Chemical purity	≥ 99,95	%
Oxygen content	≤ 250	ppm

PARTICLES SIZE DISTRIBUTION:		
+ 45 μm	max. 5	%
- 15 μm	max. 2	%
D10 %	19	μm
D50 %	28	μm
D90 %	42	μm

