



PRODUCT DATASHEET

We give every grain a purpose.

Copper 99,95 %

-63+20 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 thermal conductivity.

APPLICATIONS

High performance copper powder for laser powder bed fusion systems for production parts with high thermal conductivity.

TYPICAL PROPERTIES

PHYSICAL DATA:		
Apparent Density	4,7 - 5,0	g/cm ³
Flowability (50 g)	13	s

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

PARTICLES SIZE DISTRIBUTION:		
+ 63 μm	max. 2	%
- 15 μm	max. 2	%
D10 %	23	μm
D50 %	37	μm
D90 %	58	μm

