

## Ag 99,99%

### Metal Powder for Additive Manufacturing

#### PRODUCT DESCRIPTION

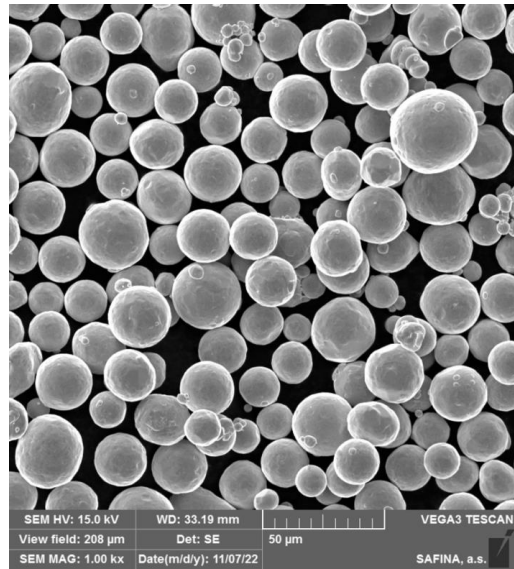
Gas atomized – High Purity Silver Powder.

#### 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

High purity silver powder is recommended for application which required highest possible conductivity even at higher temperatures where copper can oxidize. Also is used for its antibacterial properties.



#### TYPICAL PROPERTIES

##### PHYSICAL DATA:

PSD*	D10 [µm]	D50 [µm]	D90 [µm]
0-15 µm	8	12	18
15-45 µm	18	28	42
10-53 µm	12	34	51
20-63 µm	22	36	59
45-90 µm	55	67	90

##### CHEMICAL DATA:

Ag	99 %
Impurities (exl. oxygen)	0,015
O**	0,015

##### OTHER DATA\*\*\*

Flowability [s/50g]	13
Apparent density [g/cm <sup>3</sup> ]	4,7

\* Other PSD possible according to customer needs

\*\* Oxygen content depends on PSD (mentioned value is for PSD 20-63 µm suitable for LPBF technology)

\*\*\* Displayed values are for PSD 20-63 µm suitable for LPBF technology