



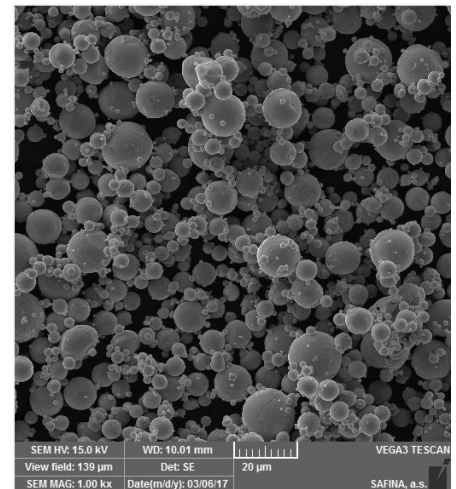
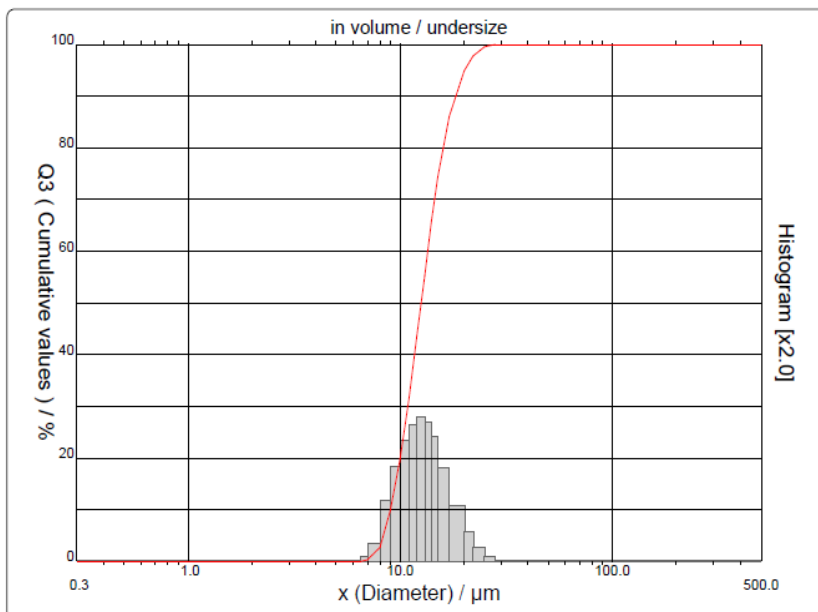
SAFINA, a.s. offers the wide range of gas atomized metal powders for different fields of additive manufacturing like cold gas spray, 3D printing and metal injection molding.

Our gas atomized powders are outstanding due to the high flowability, minimal amounts of satellites, high sphericity and very low oxygen content. It is worth mentioning newly developed coated metallic powders (core-shell technology). Our competitive advantages are flexible production, which ensures short delivery time and the tailor made powders for customer samplings and trials.

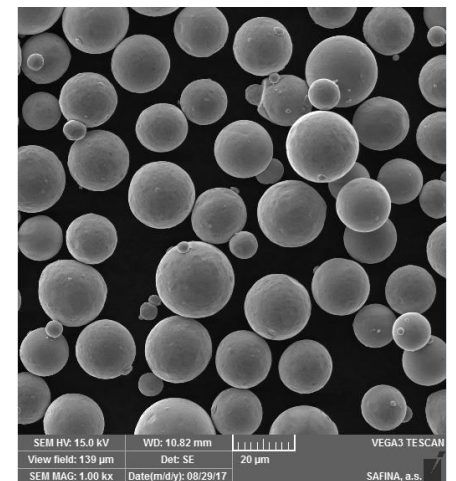
TYPICAL PROPERTIES:

Metals	Particle size distribution	Apparent density
Purity max 4N or alloys	µm	g/cm ³
Cu	Screening is made based on the customer request in the range: 1 – 150 µm	3,0 - 5,0
Ag		3,5 - 5,5
Au, Pd, Pt		6,0 – 10,0
Al alloys		0,7 - 1,5
Cu coated by Ag		3,5 – 5,0
W coated by Cu		9,0 – 11,0

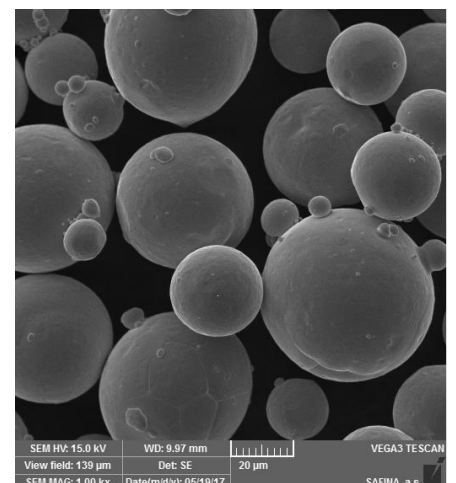
TYPICAL NARROW PSD DISTRIBUTION:



Copper powder (0-15 µm)



Copper powder (15-38 µm)



Copper powder (38-63 µm)