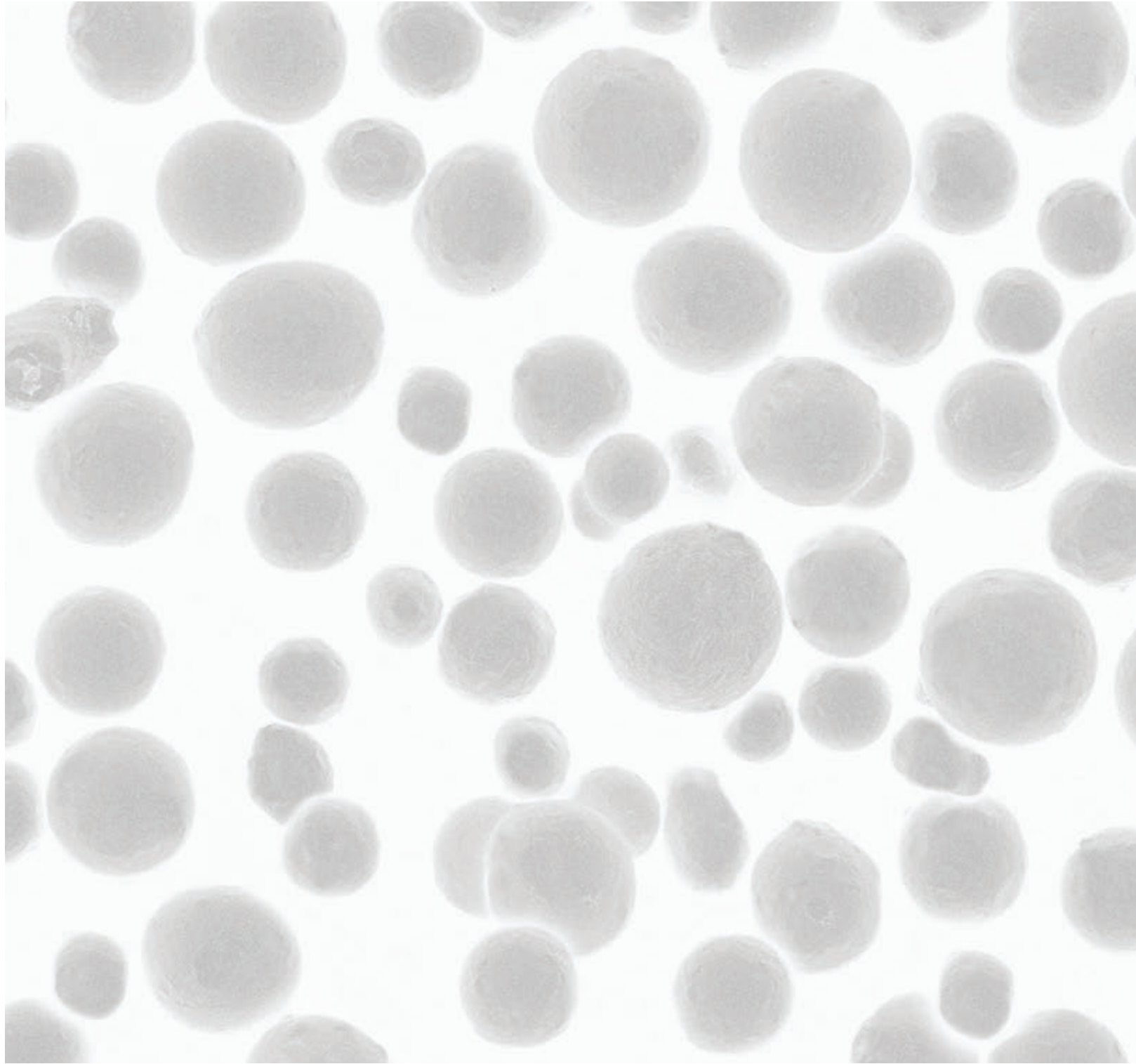




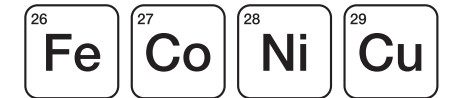
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PURESPHERE

gas atomized metal powders
for additive manufacturing



Superior benefits with a wide range of product

Additive manufacturing is the next step in fast developing world of technology. With our experience of more than 35 years in metal powder production you can take advantage of:

Reliable manufacturing opportunities

Significant reduction of cost and tool lead-time

Design flexibility

Improvement of manufacturing capability with optimized support structure

A higher level of quality

Reduction in defects and porosities with an increase in strength and performance

Wide range of products

Many common and even tailor made alloys possible thanks to our powerful atomization experience

Potential usage of additive manufacturing in high tech industries;

- » Aviation
- » Medical/Dental
- » Automotive
- » Tooling
- » Energy
- » Engineering



Sentes-BiR offers **PURESPHERE** metal powders for all additive manufacturing applications such as;

- » LBM Laser Beam Melting
- » SLS Selective Laser Sintering
- » SLM Selective Laser Melting
- » DMLS Direct Metal Laser Sintering
- » EBM Electron Beam Melting
- » LMD Laser Metal Deposition

With our advanced gas atomising technology we offer powders for optimized and consistent builds.

- » Spherical, satellite-free
- » Constant quality
- » Highest purity

PURESPHERE powders are offered in standard and custom made alloys

Copper	Cu, CuSn and other Copper alloys
Nickel Alloys	Ni625
Cobalt Alloys	CoCr ASTM F75, Co1, Co6, Co21, Co12, CoCrMo Dental Alloy
Stainless Steels	304L, 316L, 410, 420

Starting from 15 μ m, all particle size and distributions are offered according to customer and process requirement.