

For immediate release

July 2020

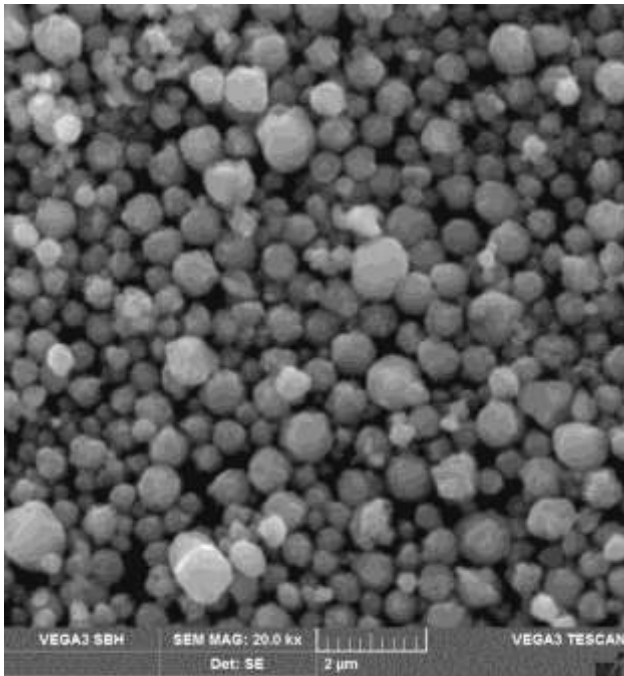
New Product Announcement

Silpowder 049

Woonsocket, RI – Technic EPD has announced the release of Silpowder 049. This chemically precipitated silver powder is characterized by a spherical morphology and narrow particle size distribution. Silpowder 049 contains a surfactant that is compatible with most fired ink systems.

- 🌀 **High tap density and narrow particle size distribution**
- 🌀 **developed for use in photovoltaic, automotive backlight, and other fired ink systems requiring high packing density**

Typical SEM



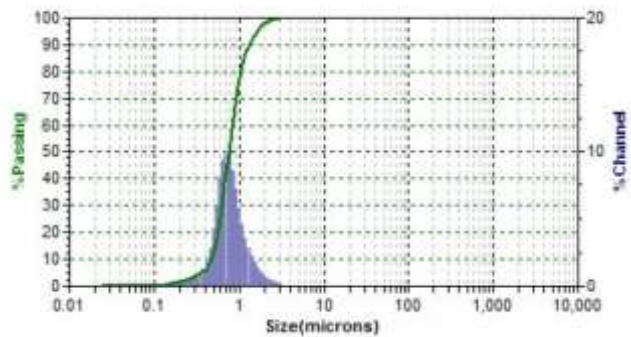
Typical Data

Physical Properties

Average Particle Diameter (μm) (1)	0.6 – 1.0
Tap Density (g/cm ³) (3)	3.6 – 5.1
Specific Surface Area (m ² /g) (4)	0.8 – 1.1

Chemical Composition (wt %)

Total Na & K	< 0.005 max
Total Heavy Metals (Cu, Ni, Fe, Pb)	< 0.002 max
Weight Loss 538°C	< 0.9 max





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About Technic

Technic Inc. is a Rhode Island based, privately held corporation with over 900 employees worldwide. For over 70 years, Technic has been a global supplier of specialty chemicals, custom finishing equipment, engineered powders, and analytical control systems to the electronic component, printed circuit board, semiconductor, industrial finishing and decorative industries. Technic is also a major supplier of engineered metal powders to the solar industry.

Learn more at www.technic.com or contact us at (401) 769-7000.

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