

For immediate release

January 2020

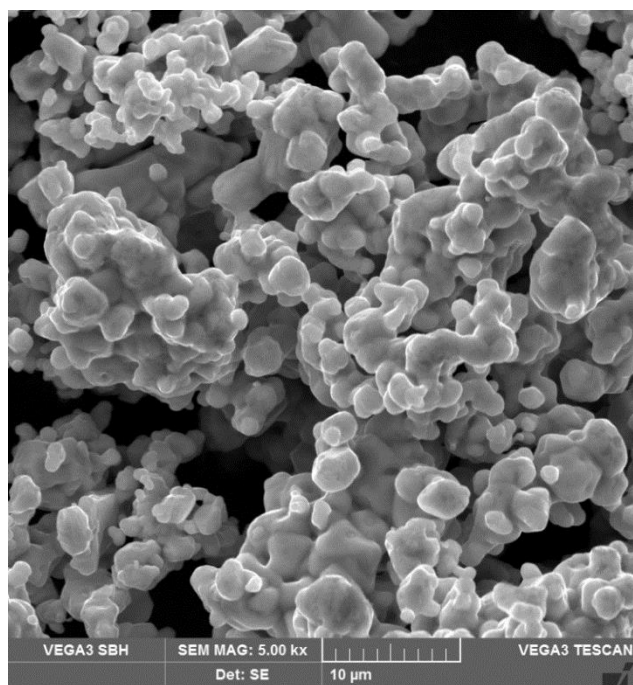
New Product Announcement

Silpowder 077

Woonsocket, RI – Technic EPD has announced the release of Silpowder 077. The powder is a blend of several amorphous chemically precipitated silver powders. Silpowder 077 has been developed for use in a wide variety of electrical applications.

-  **Uncoated powder that works well with blended metallurgical systems**
-  **Applications include conductive elastomers and electrical contact materials.**

Typical SEM



Typical Data

Physical Properties

Average Particle Diameter (μm) (1)	6.5 – 9.0
Apparent Density (g/in^3) (2)	33.0 – 43.0
Tap Density (g/cm^3) (3)	2.5 – 3.5
Specific Surface Area (m^2/g) (4)	< 0.2

Chemical Composition (wt %)

Total Na & K	< 0.005 max
Total Heavy Metals (Cu, Ni, Fe, Pb)	< 0.005 max
Weight Loss 538°C	< 0.1 max

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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