

For immediate release

May 2019

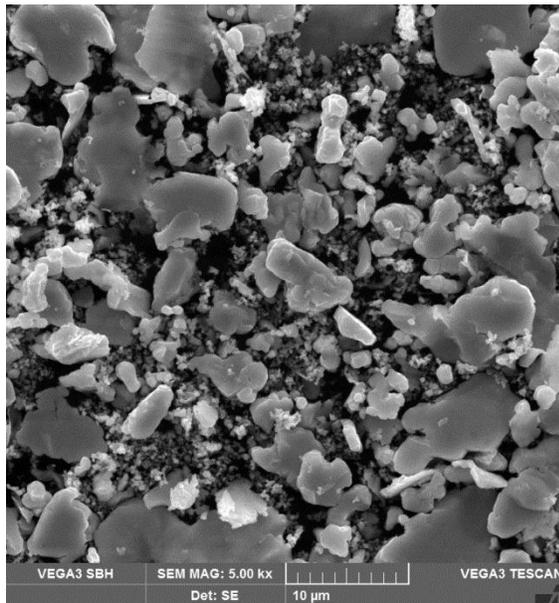
New Product Announcement

Silflake 077

Woonsocket, RI – Technic EPD has announced the release of Silflake 077. The flake is mechanically flattened with a coating compatible with most fired and polymeric applications. The flakes have a multi-modal distribution to deliver a high thixotropic index. Silflake 077 has been developed for use in a wide variety of conductive adhesives and other polymeric applications .

- ☀ **Residual lubricant that works well in most fired and polymeric systems.**
- ☀ **Applications include PV, component, and fired inks.**
- ☀ **Characterized by a high thixotropic index.**

Typical SEM



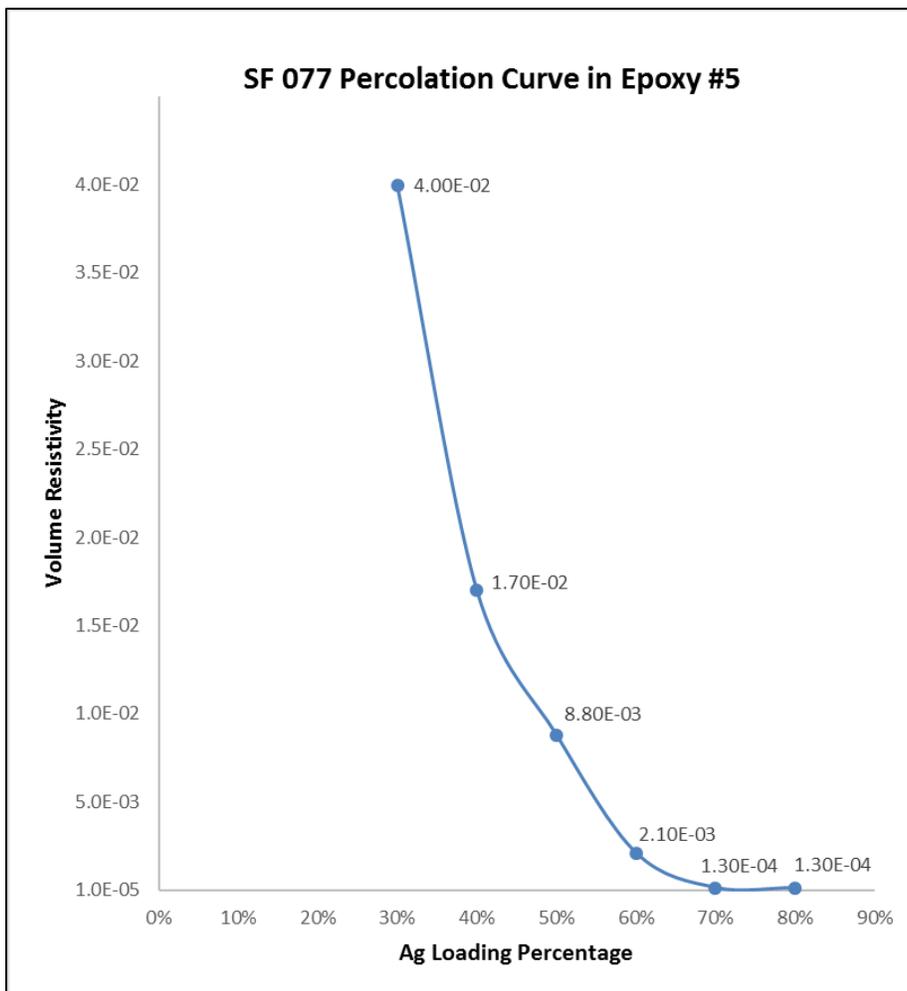
Typical Physical Data

Typical Physical Properties

Tap Density (g/cm ³) (1)	3.8 – 4.6
Specific Surface Area (m ² /g) (2)	0.60 – 0.85
D50 (µm)(3)	5.0 – 7.5

Typical Chemical Composition (wt %)

Total Na & K	< 0.01 max
Total Heavy Metals (Cu, Ni, Fe, Pb)	< 0.003 max
Weight Loss 538°C	< 0.4 max



* Technic's test vehicle, Epoxy #5, consists of Bisphenol F, diaminodiphenyl sulfone cure, reactive diluent, and a coupling agent

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.

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