

For immediate release

September 2019

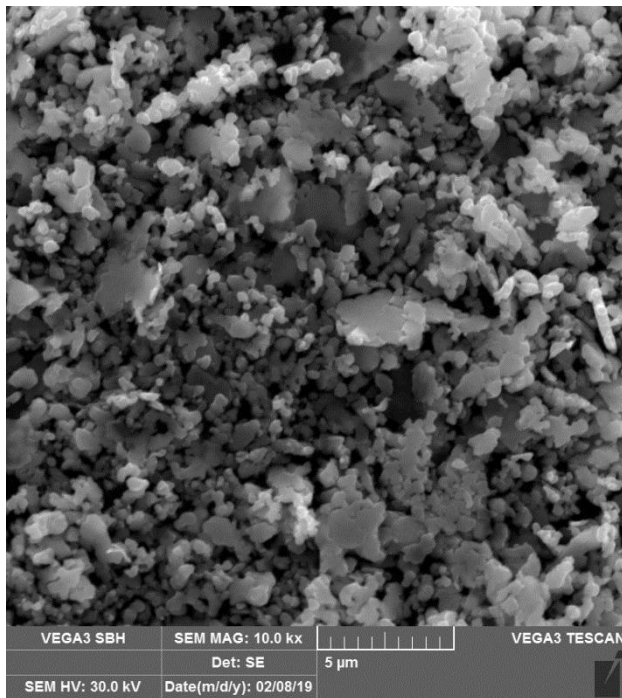
## New Product Announcement

# Silflake 086

Woonsocket, RI – Technic EPD has announced the release of Silflake 086. The flake is mechanically flattened with a coating compatible with most polymeric systems. Silflake 086 has been developed for use in a wide variety of conductive adhesives.

- ☀ **Residual lubricant that works well in most fired and polymeric systems.**
- ☀ **Applications include membrane touch switch, EMI shielding, termination inks.**
- ☀ **Characterized by a high aspect ratio.**

### Typical SEM



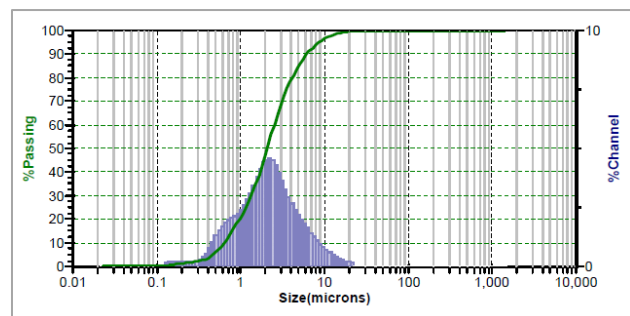
### Typical Data

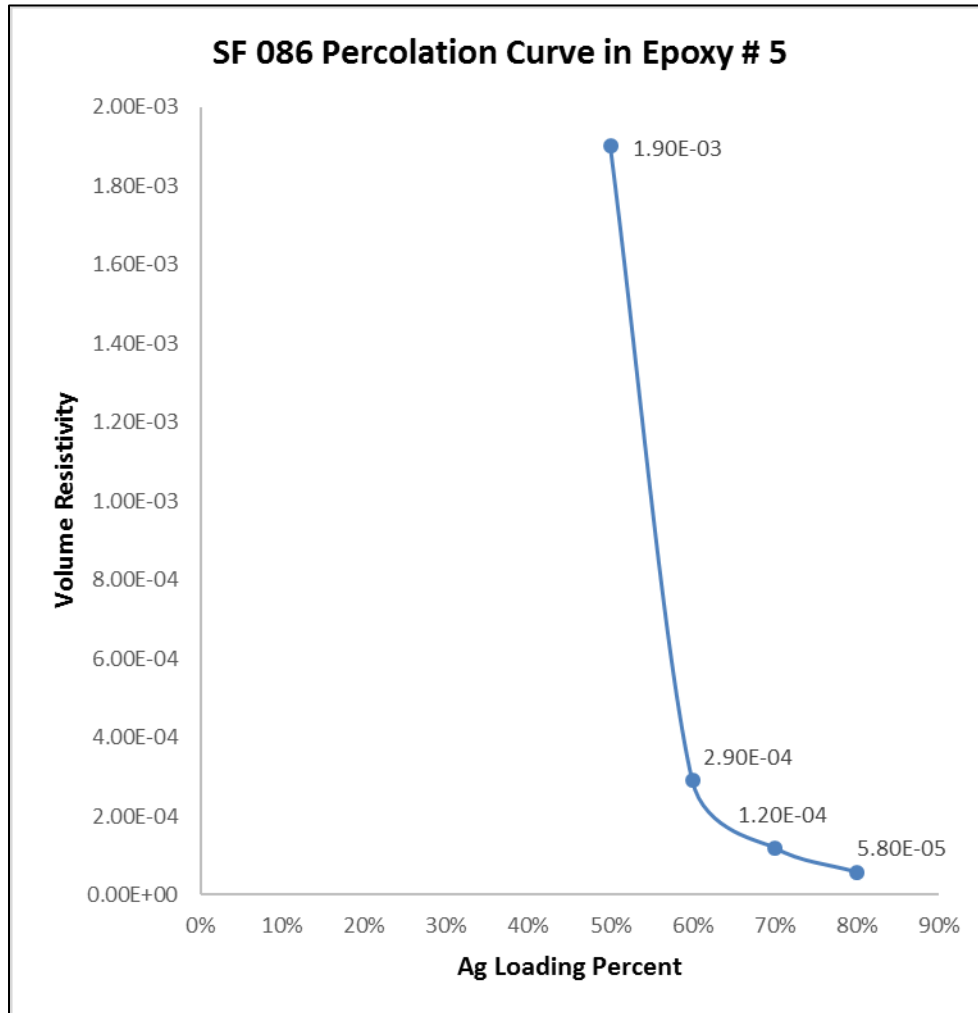
#### Typical Physical Properties

Tap Density (g/cm <sup>3</sup> ) (1)	2.6 – 3.6
Specific Surface Area (m <sup>2</sup> /g) (2)	0.9 – 1.5
D50 (μm)(3)	1.6 – 2.6

#### Typical Chemical Composition (wt %)

Total Na & K	< 0.007 max
Total Heavy Metals (Cu, Ni, Fe, Pb)	< 0.015 max
Weight Loss 538°C	< 0.7 max





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

#### About Technic

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