

**For immediate release**

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# Technic Releases Ceramistan 1031

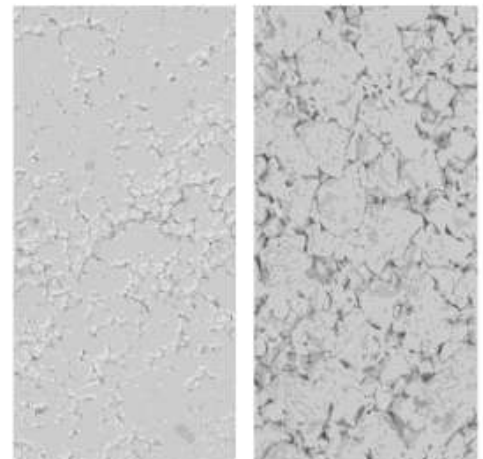
## Semi-Bright Pure Tin Electrolytic Plating Solution

Cranston, RI, USA – Technic is pleased to announce the release of Ceramistan 1031, a pure tin electrolytic plating bath specially formulated for sensitive ceramic components, connectors, pins, and LED/MELF resistors. The Ceramistan 1031 process produces a dense, small grain deposit that provides excellent solderability, even after exposure to extended steam-age testing. The Ceramistan 1031 process offers several key cost-saving features including reduced coupling, longer bath life, and reduced oxidation.

Ceramistan 1031 also significantly reduces and can even eliminate spattering during reflow, a problem that often occurs with a standard tin bath. The process is compatible with all standard barrel and vibratory plating lines, and Technic’s patented Spouted Bed Electroplater (SBE®).

*“Ceramistan 1031 has proven to be an ideal solution for applications requiring pure tin. The process performs extremely well in a full range of applications with consistent quality of the deposit and performance. With a longer bath life, reduced coupling, and reduced oxidation, Ceramistan 1031 has shown significant improvements to the quality, cost, and performance in pure tin plating for electronic applications”*

- Eric Smith, R&D Chemist,  
Technic Advanced Technology Division



Ceramistan 1031 showing a flat and uniform grain structure

Grain structure from a competitive tin bath

**Learn more**

### About Technic

For over 75 years, Technic has been a global supplier of specialty chemicals, custom finishing equipment, engineered powders, and analytical control systems to the semiconductor, electronic component, printed circuit board, industrial finishing, and decorative industries. Technic is also a major supplier of engineered metal powders to the solar industry.

For information on Technic & Technic products go to: [www.technic.com](http://www.technic.com) or contact Technic at (401) 781-6100.