

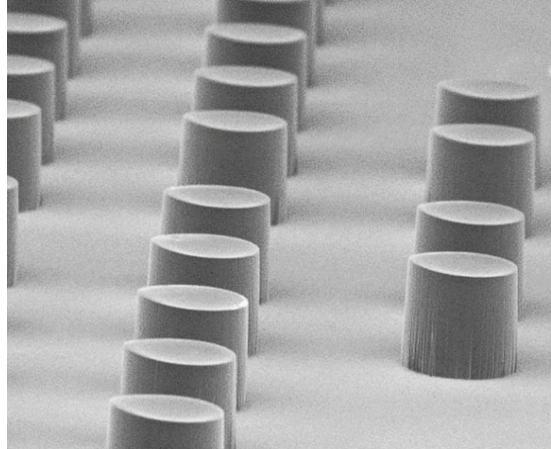
Technic Releases Elevate® Cu 2000

High-Speed Acid Copper for Today's Macropillar Plating Demands

Cranston, RI, USA - Technic announces the introduction of Elevate® Cu 2000, an innovative, high-speed acid copper plating system specifically formulated for Fan-Out Wafer Level Packaging applications.

With the accelerated growth of FOWLP, new demands for packaging materials are being placed on suppliers. The need for copper plated 200-micron macropillars is increasing and the standard acid copper plating baths currently available are unable to provide the speed and performance required.

Technic's Elevate® Cu 2000 was designed specifically to address these challenging requirements. Elevate® Cu 2000 chemistry can easily plate 4–5 microns/minute while maintaining a very flat pillar and good coplanarity across the wafer. Results show good performance on both horizontal and vertical production plating tools.



“With a fast and changing advanced packaging industry, often materials that were developed as long as 10 years ago are unable meet the current challenges, and new products have to be introduced. At Technic we try to develop products that will make our customers transition to advanced technology easier. Elevate® Cu 2000 was formulated to allow our customers to plate these macropillars without concerns over slow plating speeds, excessive current density steps and irregular pillar profiles prevalent with older acid copper processes.”

- *Anthony Gallegos, Global Product Manager, Semiconductor Technology*

Technic's semiconductor fabrication and packaging chemistries, marketed under the name Elevate®, are well respected for innovation and high quality. Elevate® processes offer high performing electroplating chemistries for copper, nickel, tin, and precious metals. Technic also manufactures a complete line of photoresist cleaners, strippers, and etchants under the names TechniClean, TechniStrip®, and TechniEtch.

For more information on Technic's full line of semiconductor products and advanced analytical controls go to www.technic.com

About Technic

Technic Inc. is a Rhode Island based 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 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.

Learn more at www.technic.com or contact us at (401) 781-6100.