

Deanna Cullen
Marketing Communications Manager
O +1 203.575.5661
M +1 860.483.1502
F +1 203.575.7916
Deanna.Cullen@MacDermidEnthone.com
macdermidenthone.com/electronics

Press Release – M-Copper EF

Waterbury, CT., February 7, 2017 – MacDermid Enthone Electronics Solutions, a MacDermid Performance Solutions business, announces the release of the M-Copper EF process, a premium quality electroless copper metallization process that operates at the industry's lowest cost-of-ownership. M-Copper EF addresses the high volume, low cost electroless copper market space.

M-Copper EF offers excellent hole wall coverage, reliability, and process stability **in just a single pass**, even when used over a wide range of through hole dimensions and bath loading. It is because of this that M-Copper EF is able to deliver large cost savings compared with competitive electroless copper systems. Additionally, M-Copper EF is highly concentrated, providing savings on chemical inventory and granting customers the flexibility to purchase their own caustic and formaldehyde. Evolved from the high performing electroless coppers of MacDermid Enthone legacy, M-Copper EF was developed specifically to overcome the poor quality of electroless coppers from low-price commodity suppliers. These quality and productivity improvements result in the lowest overall cost to our customers.

M-Copper EF also features the innovative M-Activate HA, a 32 ppm palladium activator bath that results in drastically reduced dragout and make-up costs. The savings and advantages that our customers can receive from this innovative new activation technology are another reason that fabricators are deciding to make the switch to the M-Copper EF process.

Bill Bowerman, Director of Metallization, noted, "The release of the M-Copper EF process demonstrates MacDermid Enthone's commitment to partner with PCB fabricators in providing high reliability solutions with outstanding value-in-use to help our customers maintain a competitive position in the industry."

About MacDermid Enthone Electronics Solutions: MacDermid Enthone Electronics Solutions researches, formulates and delivers specialty chemistries used in the world's leading electronics. Our products and technical support provide solutions for the most complicated, micro scale circuitry challenges. From wireless devices to automotive and military electronics – in everything you see, and in many things you don't – MacDermid Enthone is there. Visit us at:
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For more information on M-Copper EF go to <http://electronics.macdermid.com/index.php?cID=406> or contact:

Rich Bellemare
Applications Manager, Metallization
+1 203.575.5607
richard.bellemare@macdermidenthone.com

