

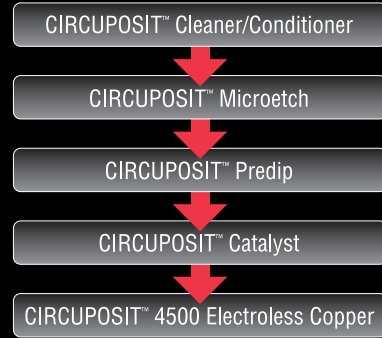
Horizontal Desmear / PTH | 水平化学沉铜工艺

CIRCUPOSIT™ 4000 Horizontal Desmear / PTH

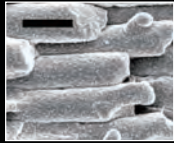
Advantages 优点

- Capable of conveying thin boards (thickness: 50 µm)
能够薄板(厚度: 50um)连续生产
- No need of racking
不需要框架
- Capable of conveying FPC boards by reel-to-reel
软板能够卷对卷连续生产
- High productivity due to shortened processing time
较短的反应时间可以提高产量
- Improvement of working environment by closed system
密闭式反应改善工作环境
- Applicable to various resins such as FR-4, High Tg, and polyimide
可应用于不同的树脂材, 如FR-4, High Tg, and polyimide

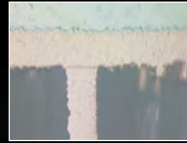
Process 製程



Characterization 特性描述



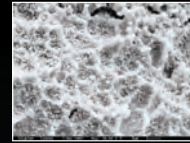
Excellent glass coverage and ultra fine grain structure
优异的玻纤覆盖能力及细致的沉积



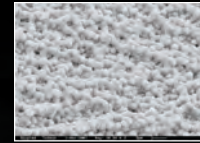
Ultimate in PTH reliability
内层优异的化铜信赖性



Excellent coverage in microvia
深埋孔优异的覆盖能力



Conventional 传统化铜



C-4000

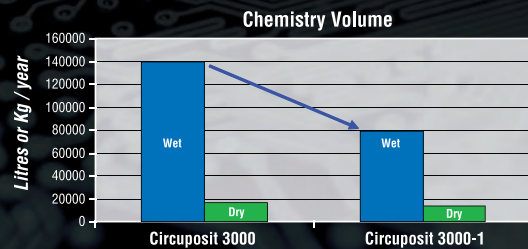
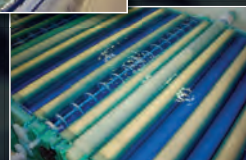
Electroless Copper Deposit:
C-4000 have fine grain deposit
化铜沉积: C-4000的沉积较细致

Universal Electroless Copper | 化学沉铜工艺

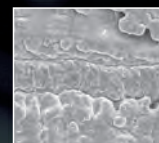
CIRCUPOSIT™ 3350-1 Electroless Copper

Advantages 优点

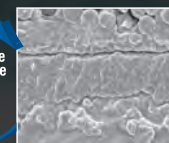
- A universal electroless copper process
可被广泛应用之化学铜製程
- Reduce chemistry volumes
减少药液使用量
- Reduce catalyst strength
减少催化剂药液强度
- Increased thermal cycle reliability
增进热冲击下之信赖性
- Steady state operation
槽液操作稳定
- Designed for today's materials
适用于现今之先进材料
- Exceptional performance and reliability
具有卓越的产品表现及信赖性
- Global reference list
客户遍及全球



New Bath
新槽液



Cycled Bath
循环使用槽液



Steady State
Performance
稳定表现



Electronic Materials