

M-Speed HF

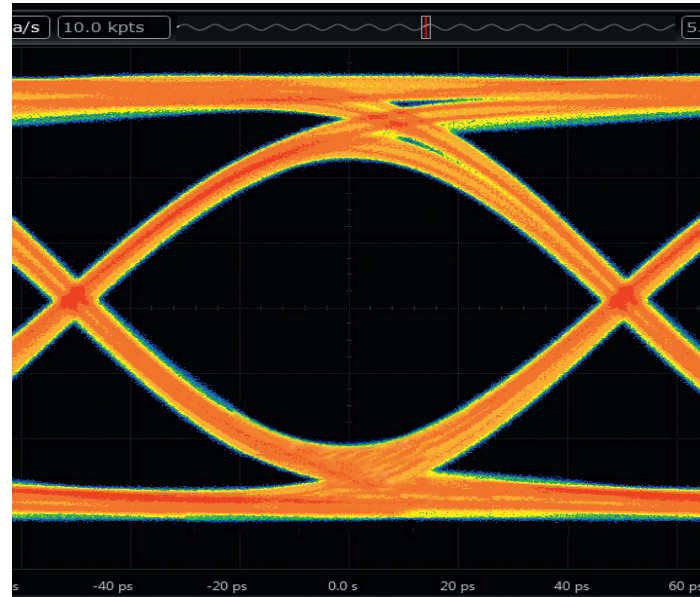
高频产品的铜面压合前处理

没有限制 自由快速

M-Speed HF开发是为代替黑化工艺以满足下一代高速数据速率传输的需求。MacDermid Enthone化学技术的可靠性采用新的低微蚀工艺。可以减少信号损失和提高附着力。独特的低微蚀工艺使应用于最大信号完整性和低粗糙度。M-Speed HF工艺提供卓越的附着力尽管峰谷粗糙度较低,但热结合力可靠性较高。

M-Speed HF性能达到业界领先水平,结合使用标准的棕化设备并采用新的后浸处理。该工艺兼容所有电路材料和较低的介电损失。

可以迎接下一代高速频率产品的挑战来自 M-Speed HF



主要特性优点

- 降低铜面粗糙度以改善信号完整性
- 用于控阻抗设计的精确微蚀速率
- 环保;低铜离子可减少化学药液的消耗并降低废水量
- 高层数设计的卓越可靠性



 **MacDermid Enthone**

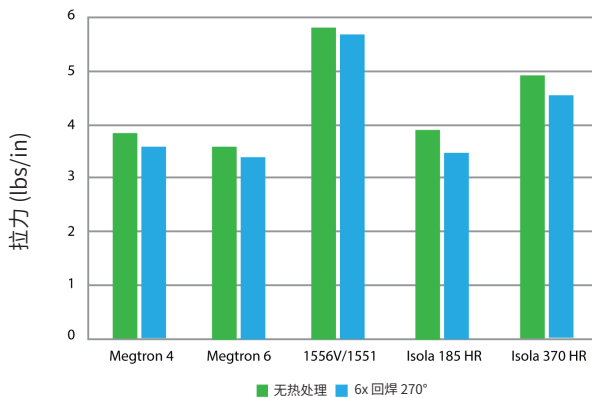
CIRCUITRY SOLUTIONS

M-Speed HF

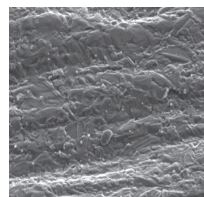
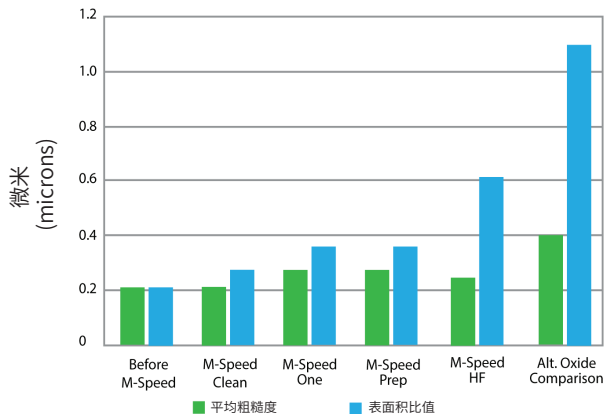
高频产品的铜面压合前处理

完整工艺应用于高频产品

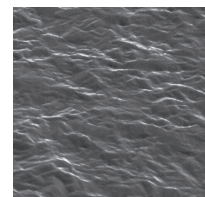
M-Speed HF 附着力



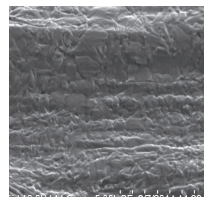
ZYGO表面粗糙度



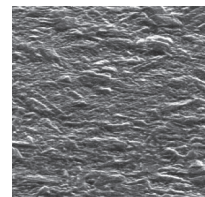
M-Speed 前



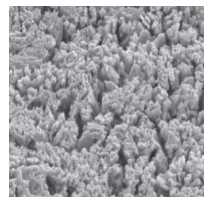
M-Speed One 后



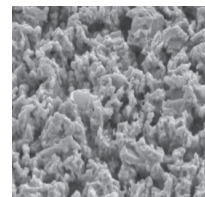
M-Speed Clean 后



M-Speed Prep



M-Speed HF 后



棕化比较



适用于所有PCB制造商的工艺



macdermidalpha.com
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