

MR 铜箔介绍

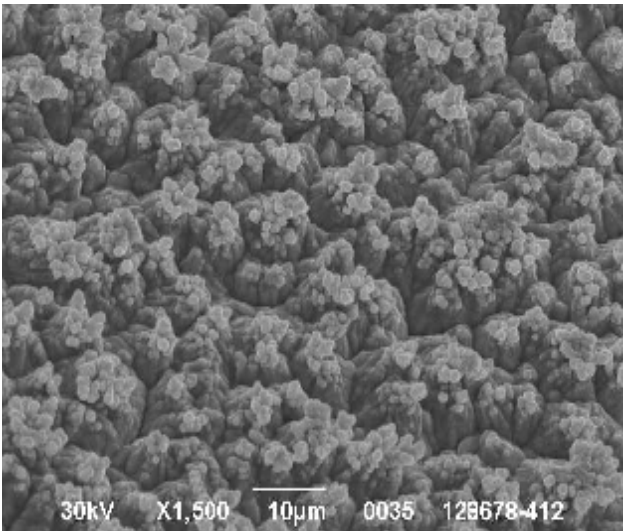
MR Copper Foil Information

MR 铜箔为表面特殊处理电解铜箔，粗化面颜色为鲜红色。在铜箔储存期内颜色均匀、稳定不会发生变化。粗化颗粒更加细致均匀，覆盖毛箔峰面积更大，因此粗化面具有更大的比表面积。从而铜箔具有更加优良的耐化学性、更加优良的结合力和更佳的蚀刻性。

MR Copper Foil is Matte side treated electrolytic copper foil and matte side color is red(copper color). During the storage period, the copper's color and stability will not change. Coarse particles are more detailed and uniform, covering a larger surface area of matte side. Features: Excellent chemical-resistance, adhesion and the performance of etching.

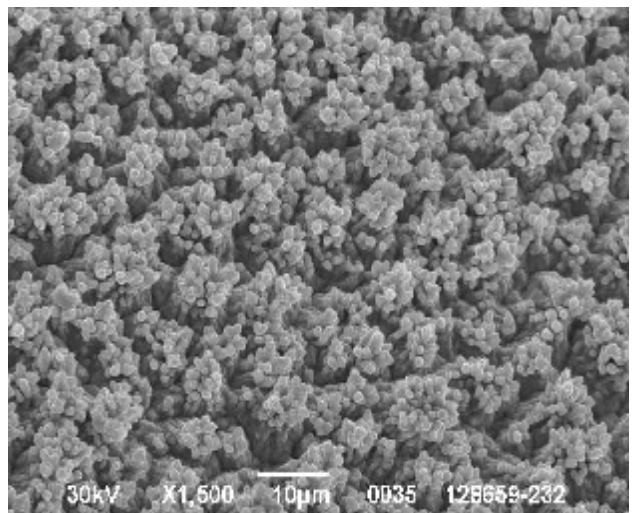
原处理方式铜箔 SEM 照片:

MZ Copper foil SEM photo:



MR (特殊处理) 铜箔 SEM 照片:

MR Copper foil SEM photo:



General Properties

一般特性 (MR 10Z/35 μ m)

品名 Commodity	公称厚度(μ m) Nominal Thickness					
粗化铜箔 Treated Copper Foil	35					
项目 Item	处理条件 Condition	单位 Unit	规范值 Specification value	MR Result	MZ Result	MC Result
纯度 (包括含银量) Purity (Silver Content Included)	A	%	≥99.8	99.9	99.9	99.9
	IPC-TM-650 2.3.15		IPC-4562 3.8.1.1			
拉力强度 Tensile Strength		N/cm ²	≥28000	32000	32000	32000
	IPC-TM-650 2.4.18		IPC-4562 3.5.1			
延伸率 Extension Rate		%	≥3.0%	6.0	6.0	6.0
	IPC-TM-650 2.4.18		IPC-4562 3.5.3			
面积重量 Area Weight	A	g/m ²	275-295	285	285	285
	IPC-TM-650 2.2.12		IPC-4562 3.4.4			
剥离强度 Removal Strength	A	kgf/cm	≥1.50	1.90	1.80	1.85
	IPC-TM-650 2.4.8		IPC-4562 3.5.4			
高温抗氧化性 Heat Resistance	E-30/200	/	S面不变色	OK	OK	OK
			M面不变色			
外观 Appearance	A	/	OK	OK	OK	OK
	IPC-TM-650 2.1.5		IPC-4562 3.3			

备注：测试数据为典型值

Remarks: typical values for reference only