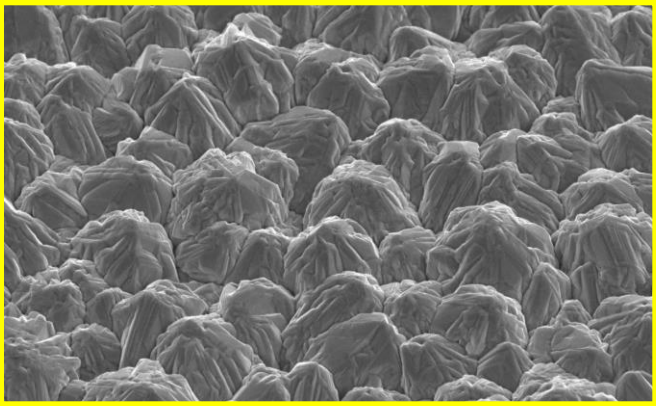
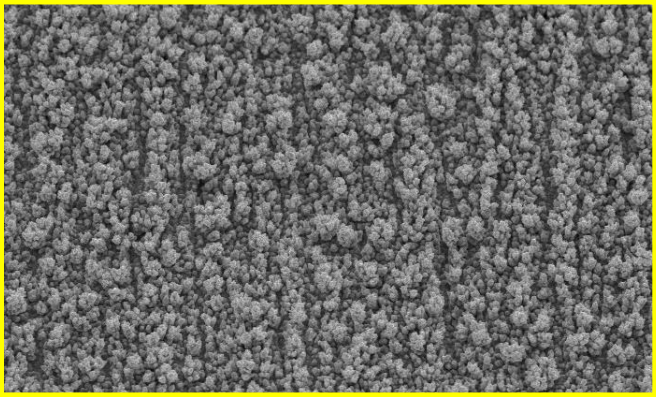
Co-Tech
DEVELOPMENT CORP.
The First Choice Of Copper Foil Provider

RF313



35μm Untreated-side Foil SEM × 1,500



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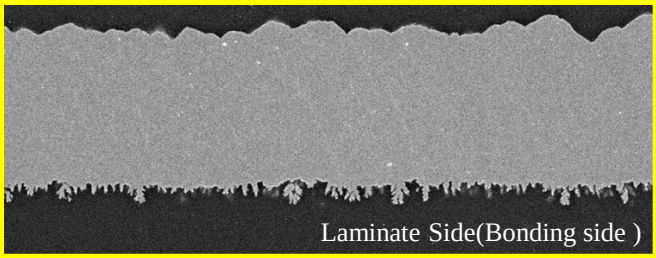

35μm Foil Cross Section SEM × 1,000

Composition :

– Cross Section :

– Resist/ Bonding side Color : Pink/ Pink

Application:

- Additional alternatives for ultra-high frequencies (> 24 GHz) are our extremely smooth RF313.
- Material: PTFE

Feature:

– The RF313 is designed for the manufacture of high- performance laminates with extended thermal stability and electrical properties designated for very high frequency circuitry applications, as for RF antennas and wireless devices.

– PCB's manufactured with such laminates may be designed to operate at ultra-high frequencies often in hostile or remote locations where long term reliability and stability is of crucial importance.

– Excellent PIM, SI performance and anti-oxidation and shelf life.

Type	RF313		Thickness	Physical Properties						Roughness JIS B 601 (μm)	
				Area Wt.	Tensile(kg/mm^2)		Elongation(%)		Peel Strength FR4[*1]		
	(oz)	(μm)	(μm)	(g/m^2)	RT	180℃	RT	180℃	(lb/inch)	kg/cm	Rz (Treated side)	Rz (Untreated side)
RF313 (Pink Color)	Toz	12μ	12±1.5	107±5	≧29	≧17	≧4	≧3	≧4.5	≧0.81	≦3.0	≦5.0
	Hoz	18μ	18±2.0	153±5	≧29	≧17	≧4	≧4	≧5.0	≧0.89	≦3.0	≦6.0
	1oz	35μ	35±3.5	285±8	≧29	≧17	≧10	≧5	≧7.0	≧1.25	≦3.0	≦8.0

※ FR4[*1] : Tg≒140℃
※This is representative data, not guarantee.

The best application of the copper foil manufacturer & service provider