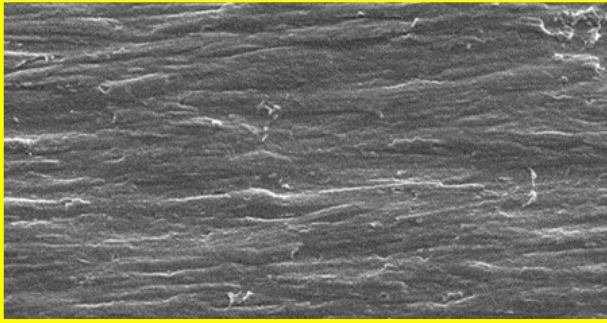
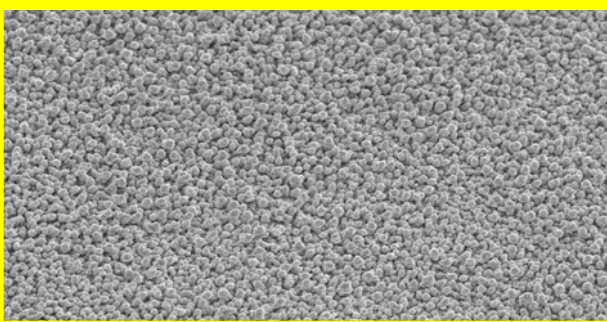




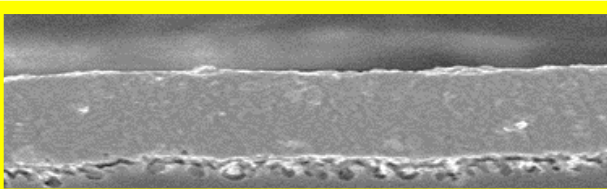
The First Choice Of Copper Foil Provider



18µm untreated-side Foil SEM × 1500



18µm treated-side Foil SEM × 1500



18µm Foil Cross Section × 1000

Application:

High frequency & High speed & FCCL(Single side/Double side).

Feature:

1. Micro dendrite treatment technique, roughness($Rz \leq 2\mu m$) , can meet fine line & etching factor/ anti –undercut ability.
2. Suitable for fine line & Laser drill process.
3. With excellent peel at above Mid. Tg & Low Loss PP.
4. Suitable for high frequency & high speed material, reduce signal loss.
5. With excellent anti-oxidation & shelf life.

種類 Type	代號		厚度 Thickness	機械特性/Mechanical Properties						表面粗糙度 Roughness(µm)		
				基重 Area Wt.		抗張力 Tensile(kg/mm ²)		延伸率 Elongation(%)		抗撕強度 Peel Strength		
				(oz)	(µm)	(µm)	(g/m ²)	RT	180°C	RT	180°C	(lb/inch)
VL410 (Pink Color)	Toz	12µ	12±1.5	107±3	≥32	≥19	≥8	≥5	≥4.5	≥1.08	≤0.3	≤2.0
	Hoz	18µ	18±2.0	153±3	≥32	≥19	≥10	≥5	≥5.0	≥1.34	≤0.3	≤2.0
	1oz	35µ	35±3.5	285±5	≥31	≥19	≥16	≥8	≥6.2	≥1.79	≤0.3	≤2.0

Products are in accordance with IPC 4562/03