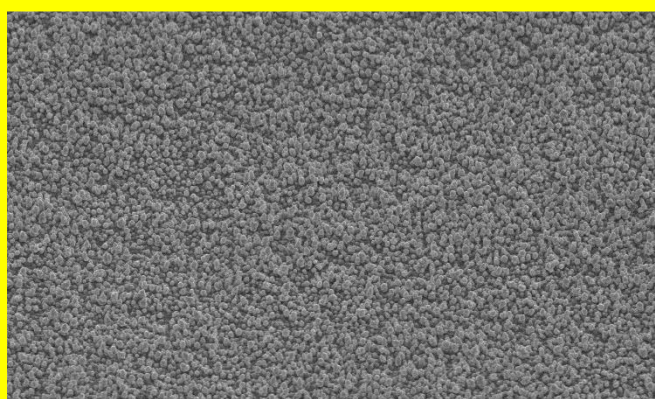
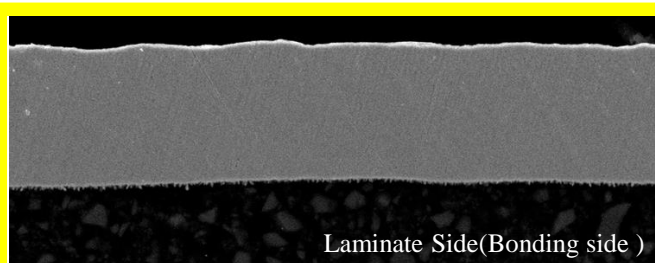


18μm untreated-side Foil SEM × 1500



18μm treated-side Foil SEM × 1,500



Laminate Side(Bonding side)

18μm Foil Cross Section SEM × 1,500

Composition :

Resist side

– Cross Section :



Laminate Side(Bonding side)

– Resist/ Bonding side Color : Pink/ Pink

Application:

- Handheld products such as smartphones are expanding into automobiles, the Internet of Things,(IoT) and artificial intelligence.
- Material: TPI film

Feature:

- High Elongation and flexibility after annealing
- Fine copper nodules and low roughness characteristics
- Provide good fine line etch capability
- Good peel strength and dimensional stability.
- Excellent flexibility
- This product has excellent heat resistance and weather resistance.

Type	FL450		Thickness	Physical Properties							Roughness(μm)	
				Area Wt.	Tensile(kg/mm ²)		Elongation(%)		Peel Strength (FR4)			
					(g/m ²)	RT	180°C	RT	180°C	(lb/inch)		
FL450 (Pink Color)	(oz)	(μm)	(μm)	(g/m ²)	RT	180°C	RT	180°C	(lb/inch)	kg/cm	Ra(s/s)	Rz(m/s)
	Toz	12μ	12±1.5	107±3	≥30	≥17	≥4	≥3	≥4.0	≥0.716	≤0.3	≤2.0
	Hoz	18μ	18±2.0	153±3	≥30	≥17	≥7	≥5	≥5.0	≥0.890	≤0.3	≤2.0
	1oz	35μ	35±3.5	285±5	≥30	≥17	≥12	≥6	≥6.0	≥1.075	≤0.3	≤2.0

※上述表列為代表性數據非保證值 (This is representative date, not guarantee.)