



RV 312

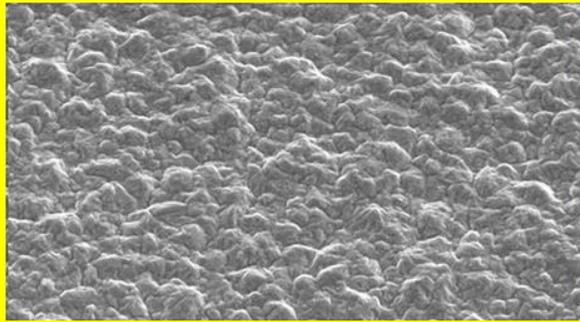
The First Choice Of Copper Foil Provider

Introduction:

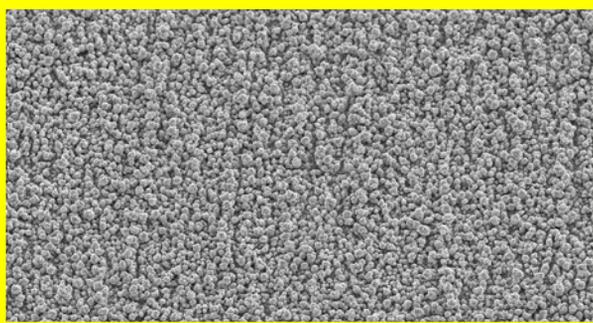
RV312 foil is environmental friendly copper foil that has undergone special reverse treatment process that gives the foil excellent properties for FR4、Mid. Loss PP、Single/ Double side(3L-FCCL) and Single/Double side(2L-FCCL) application.

Feature:

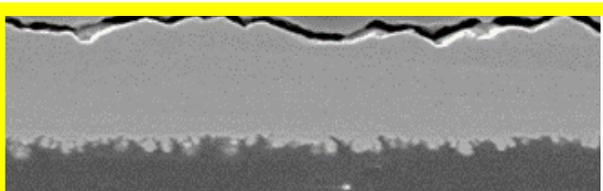
- 1.Special treatment with excellent glue overflow control ability. With high peel especially for Mid & High Tg PP material.
- 2.Micro dendrite treated, enhance etching ability and anti- undercut ability for fine line process, suitable for HDI, FCCL .
- 3.Excellent anti-oxidation and shelf life.



12µm untreated-side Foil SEM × 1500



12µm treated-side Foil SEM × 1500



12µm Foil Cross Section × 1000

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		Rz (Treated side)	Rz (Untreated side)
	(oz)	(µm)	(µm)	(g/m ²)	RT	180°C	RT	180°C	(lb/inch)	kg/cm		
RV312 (Pink Color)	Qoz	9µ	9±1.0	80±3	≥29	≥17	≥2	≥3	≥4.0	≥0.72	≤3.0	≤4.5
	Toz	12µ	12±1.5	107±3	≥29	≥17	≥3	≥4	≥4.5	≥0.81	≤3.0	≤5.0
	Joz	15µ	15±2.0	125±3	≥29	≥17	≥4	≥4	≥4.5	≥0.81	≤3.0	≤5.5
	Hoz	18µ	18±2.0	153±3	≥29	≥17	≥5	≥4	≥5.0	≥0.90	≤3.0	≤6.0
	1oz	35µ	35±3.5	285±5	≥29	≥17	≥10	≥5	≥6.5	≥1.17	≤3.0	≤8.0
	2oz	70µ	70±7.0	580±15	≥26	≥15	≥10	≥6	≥8.0	≥1.44	≤3.0	≤11.0

•Our Copper Foil complies to IPC 4562 Standard Grade 3 HTE
Peel strength is test on FR4 Prepreg TG140