TOB III

Introduction

TOB III is a Grade 3 (HTE) copper foil with TOB treatment designed for multilayer constructions and is fully compatible with all epoxy resin systems.

Benefits

- Zinc barrier layer promotes long term bond strength and resist “pink ring”
- HTE characteristics eliminates inner layer foil cracking
- Provides consistency in etching and drilling

Typical Physical Characteristics

Oak-Mitsui foils meet all requirements of IPC-4562 and are produced with the patented "AT" resin resistant treatment.

Nominal Thickness		microns	18	35	70
Area Weight		oz/ft²	1/2	1	2
Tensile	ambient	Kpsi	60	55	52.5
	180°C	Kpsi	30	30	30
Elongation	ambient	%E	8	15	20
	180°C	%E	8	8	8
Roughness	drum	Ra	10	10	10
	matte	Rmax	200	300	450
Peel Strength B Epoxy, Tg 170°C	drum	lbs/in	7.5	10.5	15

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