



# 惠州市博宇科技有限公司 Boyu Technology CO., LTD

## 铝基覆铜板产品性能表 Aluminum-Based CCL Performance Table

项目 Item	处理条件 Test condition	单位 Unit	指标值 Indicator	AL-01-B 20
绝缘层热导率 Thermal conductivity	ASTM D5470	W/m. K	—	2.0
热阻 Thermal resistivity	ASTM D5470	°C*in <sup>2</sup> /W	—	0.085
热应力 Thermal stress	Solder dip 288°C	Minute	≥15	25
剥离强度 Peel strength	IPC-TM-650 2.4.8	Lb/in	≥8	8.5
体积电阻 Volume resistivity	IPC-TM-650 2.5.17	MΩ.cm	≥10 <sup>6</sup>	10 <sup>8</sup>
表面电阻 Surface resistivity	IPC-TM-650 2.5.17	MΩ	≥10 <sup>4</sup>	10 <sup>7</sup>
介电常数 Dielectric constant	IPC-TM-650 2.5.5.3	1MHz	—	4.8
耗损系数 Dissipation Factor	IPC-TM-650 2.5.5.3	1MHz	—	≤0.02
击穿电压 Breakdown voltage	IPC-TM-650 2.5.6.2	KV/AC	120+/-10μm	5.0
燃烧性 Flammability	UL94	Class	V-0	V-0
CTI	IEC60112	V	≥600	600
玻璃化温度 TG	DSC	°C	—	110
耐电弧 Arc resistance	IPC-TM-650 2.5.1	S	≥60	120
热分解温度 TD	TGA (Wt5%loss)	°C	≥360	380
吸水率 Moisture Absorption	D-24/23	%	≤1.5	0.5
	IPC-TM-650 2.6.2.1			
MOT	UL	°C	—	130

Remarks: Typical value is based on specimen of 1.5mm AL\120 μm dielectric\1 OZ Cu.

All the typical values listed above are for your reference only and not intended for specification. Please contact Boyu Technology CO., LTD for detailed information.

惠州市博宇科技有限公司

中国广东省惠州市汝湖镇九龙岗哈奇工业园  
Hachi Industrial Zone Ruhu Town Huizhou City, Guangdong Province,  
China  
TEL: 0752-6811106 FAX: 0752-6811109  
Http://www.boyu-global.com  
E-mail: sales@boyu-global.com