

Test Item	Test Condition	Unit	SPEC	Typical Value
Tg	DSC	°C	≥125	135
Peel strength(1OZ)	288°C, 10S	N/mm	≥1.05	1.41
Thermal Stress	288°C,10S/solder dip	—	>10	60S/ No delaminating
Flexural Strength	N/mm ²	LW	≥415	500
		CW	≥345	450
Flammability	E24/125	—	UL94 V-0	V-0
Surface Resistivity	After moisture	MΩ	≥1.0×10 ⁴	2.0×10 ⁶
Volume Resistivity	After moisture	MΩ.cm	≥1.0×10 ⁶	2.0×10 ⁸
Dielectric Constant (1MHZ)	1MHz C-24/23/50	—	≤5.4	4.7
Dissipation Factor(1MHZ)	1MHz C-24/23/50	—	≤0.035	0.017
Loss Tangent	1MHz C-24/23/50	—	≤0.035	0.016
Arc Resistivity	D-48/50+D-0.5/23	S	≥60	135
Dielectric Breakdown	D-48/50+D-0.5/23	KV	≥40	60
Moisture Absorption	D-24/23	%	≤0.8	0.15
CTI	IEC60112 Method	V	175~250	210

Specimen Thickness:1.6mm

Normal FR-4 CCL

