

Test Item		Test Condition	Unit	SPEC	Typical Value
Tg		DSC	°C	≥125	135
Flammability		E-24/125	—	UL94V-0	V-0
Volume Resistivity		C-96/35/90	MΩ.cm	≥106	2.0×10 ⁸
Surface Resistivity		C-96/35/90	MΩ	≥104	2.0×10 ⁶
Arc Resistivity		D-48/50+D-0.5/23	S	≥60	135
Dielectric Breakdown		D-48/50+D-0.5/23	KV	≥40	60
Dielectric Constant(1MHz)		1MHz	—	≤5.4	4.6
Dissipation Factor (1MHz)		1MHz	—	≤0.035	0.0117
Thermal Stress	Unetched	288°C, 10S	—	No Delamination	No Delamination
	etched				
Flexural Strength		LW	N/mm ²	≥415	500
		CW		≥315	450
Absorption		D-24/23	%	≤0.8	0.15
CTI		IEC60112 Method	V	175~250(Grade 3)	210

Specimen Thickness:1.6mm

Normal FR-4 unclad laminate