

FR4 Laminate

Epoxy Glass Fiber Laminate

Thickness 0.1mm ~ 72mm

Dimension 920mm x 1220mm, 1020mm x 1220mm, 1060mm x 1220mm

Available Color Light Green , Yellow , Black 

NEMA Grade		FR4-G10	FR4-G11 (High Tg)
JIS Grade		EL-GEH/GEF	EL-GEH/GEF
Model No.	-	SR1400	SR1400Y
Volume Resistivity , minimum	MΩ-cm	1*10 ⁶	1*10 ⁶
Surface Resistivity , minimum	MΩ	1*10 ⁴	1*10 ⁴
Dielectric Constant (1MHZ)	-	5.4↓	4.5±0.5
Moisture Absorption	%	< 0.8	< 0.5
Dielectric Breakdown minimum	kV	45~60	45~60
Flexural Strength Lengthwise Crosswise	1b/in ²	60,190 50,140	60,190 50,140
Electric Strength	kV/mm	30~45	30~45
Flame Resistance	-	UL 94V-0	UL 94V-0
Glass Transition Temperature	°C	140±5°C	180±10°C
Decomposition Temperature	°C	305	370
Thermal Resistance (thickness>0.5mm) A. T260 B. T288	Minutes Minutes	15 2	>60 >60

Distributed by:

Universal Part and Service Co.,Ltd.

238 Soi Rangsit - Pathumthani 2, Prachathipat, Thanyaburi, Pathumthani, Thailand 12130 Tel : 66 (02) 958-1150 Fax : 66 (02) 958-1151