



Epoxy Glass Fiber Unclad Laminate

SPECIFICATION

Thickness (mm): 0.1 ~ 72

Dimension(mm): 920 x 1220、1020 x 1220、1060 x 1220

Characteristic: Excellent insulation

Application : Electronic, electrical, semiconductor components

NEMA Grade		FR4	G10
Product Code		SR1400	SRP1200
Color		Green Yellow Black	Green Black
Dielectric Perpendicular to Laminations by Voltage (In 1 min)	KV/mm	15~20	15~20
Dielectric Breakdown Perpendicular to Lamination	KV/mm	23~33	25~33
Volume Resistance	Ω -cm	$>10^{12}$	$>10^{12}$
Surface Resistance	Ω	$>10^{12}$	$>10^{12}$
Flexural Strength	kg/mm ²	35~45	35~45
Compressive Strength	kgf/mm ²	20~40	20~40
Impact Strength			
Lengthwise	kg-cm/cm ²	68~78	68~78
Crosswise		35~45	35~45
Specific Gravity	-	1.85~2	1.85~2
Glass Transition Temperature	^o C	120~130	110~120
Water Absorption	%	<0.8	<0.8
Heat Resistance	^o C/2Hr	200	200
Flame Resistance	-	V0	HB