



Sun Ray Electric Material Co., Ltd

Product Specification Sheet

FR4 Epoxy Glass Fiber Laminate

Thickness : 0.1~72 (mm)

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

NEMA Grade		FR4	
Product Code 型號		SR1400	SR1400Y
Color 顏色		綠 Green	黃 Yellow
Characteristic 特性		Good Insulation	
Dielectric Perpendicular to Laminations by Voltage (In 1 min) 貫層 1 分間耐電壓	KV/mm	15~20	
Dielectric Breakdown Perpendicular to Lamination 貫層破壞電壓	KV/mm	23~33	
Volume Resistance 體積電阻	Ω -cm	$>10^{12}$	
Surface Resistance 表面電阻	Ω	$>10^{12}$	
Flexural Strength 彎繞強度	Kg/mm ²	35~45	
Compressive Strength 壓縮強度	Kg/mm ²	20~40	
Impact Strength 衝擊強度 經向 Lengthwise 緯向 Crosswise	Kgf-cm/cm	68~78	35~45
Specific Gravity 比重	-	1.85~2	
Glass Transition Temperature 玻璃轉化溫度	°C	120~130	
Water Absorption 吸水率	%	<0.2	
Heat Resistance 耐熱性	°C/2Hrs	200	
Flame Resistance 耐燃性	-	V0	