



# Sun Ray Electric Material Co., Ltd

## Product Specification Sheet

FRP Epoxy Glass Fiber Laminate

Thickness : 0.1~72 (mm)

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

NEMA Grade		G10		G11
Product Code 型號		SRP1200	SRP1200K	SRP1300
Color 顏色		綠 Green	黑 Black	黃 Yellow
Characteristic 特性		Good Insulation		Good Insulation High Temperature Resistance
Electrical Strength – Vertical to Layer 耐電壓	KV/mm	15~20		15~20
Breakdown Voltage – Vertical to Layer 破壞電壓	KV/mm	23~35		15~20
Volume Resistance 體積電阻	$\Omega$ -cm	$>10^{12}$		$>10^{12}$
Surface Resistance 表面電阻	$\Omega$	$>10^{12}$		$>10^{12}$
Flexural Strength 彎繞強度	Kg/mm <sup>2</sup>	35~45		35~45
Compressive Strength 壓縮強度	Kg/mm <sup>2</sup>	20~40		20~40
衝擊強度 Impact Strength 經向 Lengthwise 緯向 Crosswise	Kg-cm/cm	68~78		68~78
		35~45		35~45
Specific Gravity 比重	-	1.85~2		1.85~2
Glass Transition Temperature 玻璃轉化溫度	°C	110~120		130~160
Water Absorption 吸水率	%	<0.2		<0.2
Heat Resistance 耐熱性	200°C	>120 Mins		-
	288°C	-		>30 Mins
Flame Resistance 耐燃性	-	HB		HB