



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	SRP1300
Color 顏色		Green	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	Ω -cm	$>10^{12}$	$>10^{12}$
Surface Resistance 表面電阻	Ω	$>10^{12}$	$>10^{12}$
Flexural Strength 彎繞強度	Kg/mm ²	35~45	35~45
Compressive Strength 壓縮強度	Kg/mm ²	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