



# 昶瑞電子材料股份有限公司

## Phenolic Resin Laminate 電木板

厚度 Thickness : 0.25mm~80mm

尺寸 Size : 1020mm x 1220mm

RESIN & BASE 基材	熱沖電木板 Phenol Resin paper		冷沖電木板 Phenol Resin paper	布質電木板 Phenol Resin Cotton Cloth		抗靜電電木板 ANTISTATIC BAKELITE
NEMA Grade 規格	XX	XP	XPC	CE	LE	XP
JIS	PL-PEM	PL-PEM-P	PL-PEM-P	PL-FCM	PL-FLE	PL-PEM-P
Product Code 型號	SRB1200N、SRB1200K		SRB1200NC	SRB1200CE	SRB1200LE	SRB1200AK
Color 顏色	橘 Orange、黑 Black		淡橘 Light Orange	深橘 Dark Orange (偏咖啡/Coffee)		黑 Black
Thickness 厚度	3.0~50mm	1.2~2.5mm	0.3~2.5mm	3.0~50.0mm	0.25~30mm	3.0~30.0mm
Dielectric Breakdown Perpendicular To Lamination 貫層電壓試驗(1分間)	>13 KV/mm (OK)	10 KV/mm (OK)	10 KV/mm (OK)	10~18 KV/mm	10~20 KV/mm	13~18 KV/mm (OK)
Insulation Resistance 絕緣阻抗	>5*10 <sup>8</sup> Ω	>5*10 <sup>8</sup> Ω	>5*10 <sup>8</sup> Ω	>5*10 <sup>7</sup> Ω	>5*10 <sup>8</sup> Ω	1*10 <sup>6</sup> ~5*10 <sup>8</sup> Ω
Flexural Strength, perpendicular 彎曲強度 (垂直)	10~15 kgf/mm <sup>2</sup>	8~15 kgf/mm <sup>2</sup>	8~10 kgf/mm <sup>2</sup>	8.5~11 kgf/mm <sup>2</sup>	8~11 kgf/mm <sup>2</sup>	8~15 kgf/mm <sup>2</sup>
Heat Resistance 耐熱性	120 mins x 130°C	120 mins x 120°C	120 mins x 120°C	120 mins x 140°C	120 mins x 140°C	120 mins x 120°C
Izod Impact Strength, parallel Izod 衝擊強度 (平行)	3~18 kgf-cm/cm	3~18 kgf-cm/cm	-	9~20 kgf-cm/cm	4~16 kgf-cm/cm	-
Compressive Strength, perpendicular 壓縮強度 (垂直)	-	-	-	20~28 kgf/mm <sup>2</sup>	-	-
Compressive Strength, parallel 壓縮強度 (平行)	-	-	-	14~19 kgf/mm <sup>2</sup>	-	-
Warp 彎曲度	<0.9%	<3.0%	<0.9%	-	-	-
Water Absorption 吸水率 (浸水24小時)	0.8%	2%	2%	0.8%	2.3%	-
Punchability 最適加工條件	-	140°C~160°C Good	32°C~65°C Very Good	-	-	Can't Hot Punching