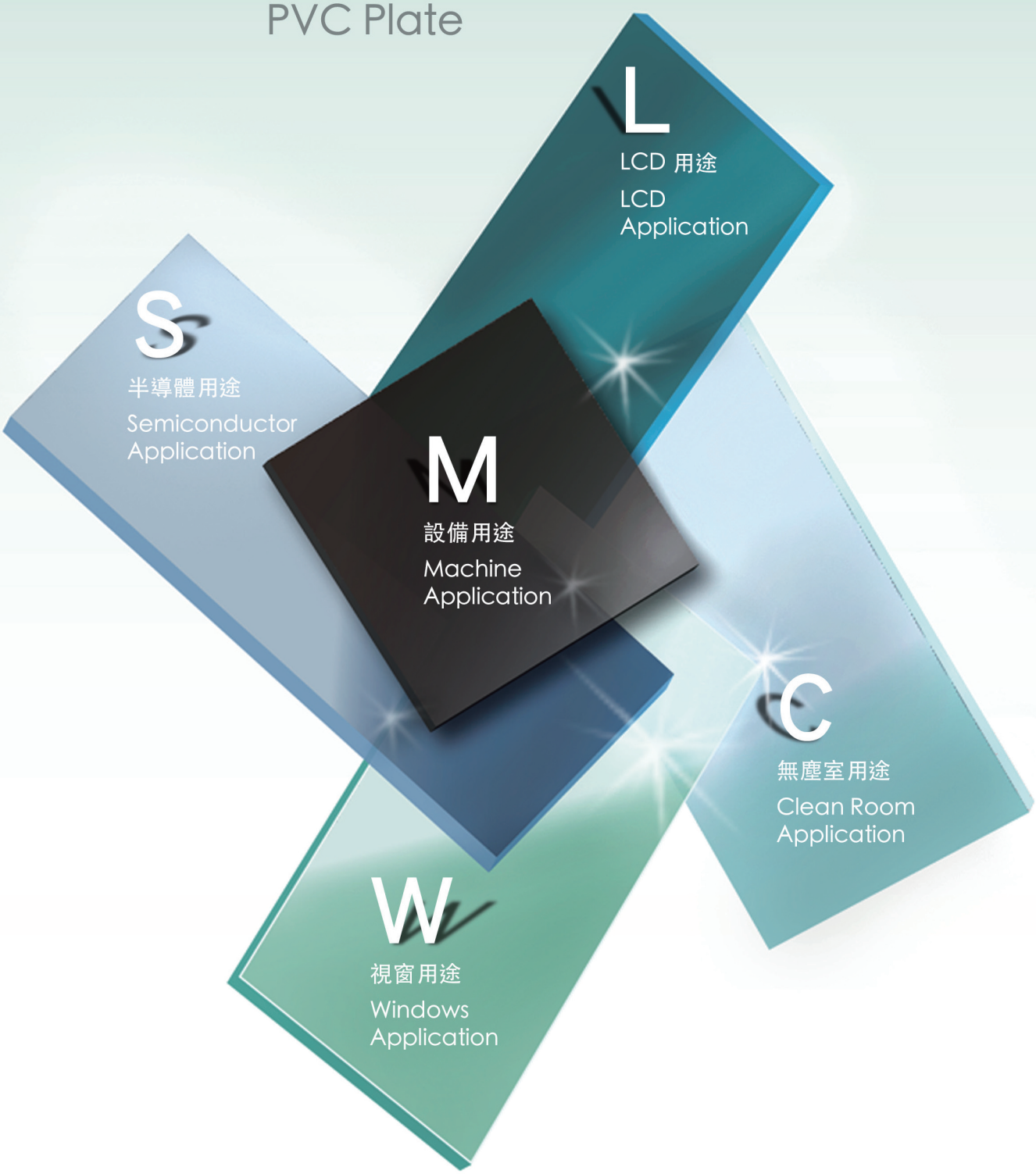
南亞抗靜電板

NAN YA Anti- Static PVC Plate



特性說明 Characteristics

1. 優良的抗靜電性能且持久

透過導電金屬之塗佈，表面抵抗值 10^6-10^8 Ω/ □，擁有良好的抗靜電性能，且不易受溫度、濕度之影響，效果持續且穩定。

2. 透明性及表面品質佳

全光線透過率極佳，霧度低，透明性能相當優異。

3. 規格齊全

產品厚度範圍寬，常用 2mm ～ 10mm，並可依客戶指定生產所需之厚度及寬度。

4. 耐化學藥品性優異

板材表層係紫外線硬化樹脂，其形成堅固保護層；表面硬度佳，耐化學藥品性能亦優。

1. Excellent long- lasting anti- static performance

The use of a conductive metal coating on the surface has created a resistance value of 10^6-10^8 Ω / □ to give an excellent antistatic property not affected by temperature and humidity, and the effect is long lasting and stable.

2. Excellent transparency and surface quality

Excellent light transmittance, low haze and outstanding transparency.

3. Full range of specifications

A wide range of product thicknesses are available. The common thicknesses are 2mm ~ 10mm, but customized thicknesses and widths are accepted.

4. Excellent chemical resistance

The board surface is a hardened UV resin to form a solid protective layer with the properties of excellent surface hardnessand outstanding chemical resistance.

5. 產品規格 **Products Specifications**

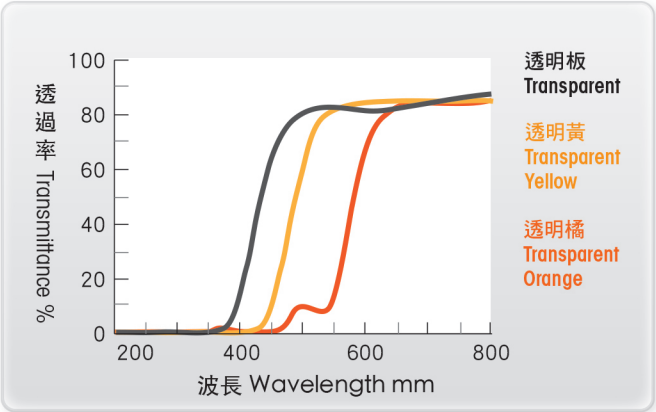
色水別 Color	厚度 (mm) Thickness	尺寸 (mm) Dimension
透明 Transparent	2~10	1220X2440
不透明 Opaque		

物性表 Products Properties

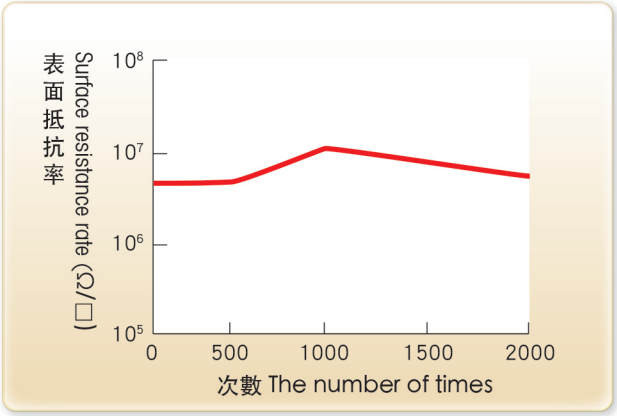
項目 Test Item	試驗方法 Test Methods	單位 Units	測驗結果 Test Result
比重 Specific Gravity	ASTM D- 792	–	1.36
鉛筆硬度 Pencil Hardness	JIS K5600	–	H
抗拉強度 Tensile Strength	ASTM D638	kg/cm^2	704
抗拉彈性率 Tensile Modulus	ASTM D638	kg/cm^2	36628
伸長率 Elongation	ASTM D638	%	65
彎曲強度 Flexural Strength	ASTM D790	kgf/cm^2	1150
彎曲彈性率 Flexural Modulus	ASTM D790	kg/cm^2	35203
耐衝擊強度 Izod Impact Strength	ASTM D256	$kg.cm/ cm^2$	2
熱變形溫度 Heat Deflection Temperature	ASTM D648	℃	64.5
熱收縮 Heat Stretching MD/CD	JIS K6745	%	-0.31/ +0.66
線膨脹係數 Linear Expansion Coefficient	ASTM D696	1/ ℃	69.43×10^{-6}
熱傳導率 Thermal Conductivity	ASTM C177	W/m · k	0.0687
耐燃性 Flammability	UL- 94	–	V0
表面抗阻 Surface Impedance (100V, 1min)	ASTM D257	Ω	1.15×10^{6}
絕緣擊穿電壓 Dielectric Strength	JIS K6911	kV/mm	10.54
介電常數 Dielectric Constant	ASTM D150	10E3HZ	3.0
吸水性 Water Absorption	ASTM D570	%	0.01
全光線透過率 Luminous Transmittance	ASTM D1003	%	73.95%

註：以上數據為5mm實測參考值，不得作為品質保證之用。
Note: The above data are actual measured reference values only and should not be used as quality assurance purposes.

波長別透過率曲線（板厚 3mm）
Wavelength transmittance curve (3mm)



耐 IPA 擦拭性能
Surface resistance to IPA



注意事項
Precautions

1. 因板材表面已有抗靜電硬化樹脂，故欲溶接或接著處理時，請務必將表層刮除後再予以加工處理。
2. 使用板材時，應先行測試溫度、藥水以及對耐候性之需求，以選擇適當之等級。
3. 各項物性表所列數字，係樣品測試結果，不可作為保證之用。
4. 板材平放時請採平面放置，不可斜放，避免變形。
5. 加工後組件運送時，注意避免陽光直射，以維持安定。
6. 與軟質 PVC 及其他可溶解 PVC 藥液接觸時，應注意對板材表面之影響。

1. As the board surface has an anti- static hardened resin, please ensure to scrap off the surface layer before melting or bonding treatment.
2. Check the requests for temperature, chemicals, and weather resistance before using the plate materials, in order to choose appropriate grade.
3. Numbers listed on all kinds of properties are the testing results of samples and could not be used for assurance.
4. When placing the plates, please place them horizontally. Do not plce obliquely to prevent from deformation.
5. Please avoid direct sun exposure when processing and shipping, in order to maintain the stability of plate materials.
6. When exposuring to the soft PVC and other PVC- soluble slovants, please aware the potential effects on the appearance of materials.

南亞塑膠工業股份有限公司
NAN YA PLASTICS CORPORATION
塑膠第三事業部營業一處 · Plastics 3rd Division
總公司：台北市10508敦化北路201號後棟3樓
電話：886- 2- 27178173
傳真：886- 2- 25140628, 27178395
Taipei Office : No.201,Tun Hwa N. Road, Taipei, Taiwan
Tel : 886- 2- 27178173
Fax :886- 2- 25140628, 27178395

產品網頁

(2017.07.1000.38)