



本系列的接著劑可以讓您的產品在高功率與平坦的頻率都有好的響應曲線，發出高品質的和弦鈴聲，兼顧現代多媒體產品對音質、功率及尺寸的需求。本系列產品適用於最先進的資訊、通訊設備與當代流行之和弦鈴聲手機以及多媒體產品。本系列產品主要應用於元件的接著及引線固定補強，也可以應用於產品的防水密封等其它領域。

These series adhesives are good at products with high power rate, flat frequency range and high quality polyphonic sound ringer in order to attain excellent acoustics, power rate and dimensions of multimedia products. These adhesives are suited for various products, such as the modern information equipments, mobile communication equipments, the polyphonic sound ringer and multimedia products. The most important applications of these series products are used as the devices bonding, lead wires reinforcement and water-resistant sealer.

本系列材料適用於製作高品質電聲元件，例如：蜂鳴器，電磁式蜂鳴器，壓電式蜂鳴器，警報器，喇叭，小喇叭，微型喇叭，薄膜喇叭，紙盆喇叭，橢圓形喇叭，方型喇叭，音箱喇叭，喇叭音箱，喇叭零件，受話器，麥克風，電容式麥克風，駐極體麥克風...等。我們結合最新的科技和具有專業背景夥伴，利用最尖端的儀器設備，適合電子產業所需要的材料！我們有充分的實務經驗，可以提供高品質及相關的產品與相關的應用技術服務。

These series products are suited for high quality devices, such as buzzer, magnetic buzzer, piezo buzzer, alarm, speaker, mini speaker, micro speaker, mylar speaker, paper speaker, ellipsoid speaker, square speaker, speaker box, bass box, speaker components, receiver, microphone, capacitance microphone and condenser microphone. We combine the latest technology, modern instruments, equipments, experienced chemists and technical services staffs to provide the best solutions for electronic industry. We have a lot of experience to supply high quality products and service.



應用一

圍繞音膜-音膜與線圈的黏接

Speaker Application I. Bonding diaphragm and lead wires



GM344-1
25°C室溫
環測前
材破

GM344-1
80°C室溫烘箱x120hr
環測前
材破

產品特色 Feature

- UV固化後膠體具韌性，有吸震和耐冷熱衝擊等性質
The cured UV adhesives show good toughness, vibration resistance and thermal shock resistance.
- 大部分樹脂染成紅色，以方便辨識上膠位置與膠量控制
Most of products colored for easy inspection and process control.
- 能迅速硬化。硬化的過程中不會有劇烈的收縮應力
These products can cure rapidly. During curing, the UV adhesives will not yield an obvious inherent stress.
- 通過冷熱循環(-20~80°C)和高溫動態測試....等信賴性實驗
These resins can pass many environmental test experiments.

產品編號 Product Item.	適用材質 Material	化學類別 Chemical Type	顏色 Color	黏度值 Viscosity, cps	硬化條件 Typical Curing Properties mj / cm ²	硬度 Hardness Shore A	吸水率 Water absorption 25°C*24hr, %	玻璃轉換溫度 Tg, °C	拉力強度 Tensile strength kg/cm ²	伸長率 Elongation %	耐熱溫度 Temperature range, °C
GM342	PET, Mylar	壓克力樹脂 Acrylic Resin	紅 Red	100,000~106,000	1,500~3,000	60	3.20	-25	--	175	-40~100
GM342-1	PET, Mylar	壓克力樹脂 Acrylic Resin	紅 Red	100,000~106,000	1,500~3,000	60	2.95	-25	--	176	-40~100
GM343-1	PET, Mylar	壓克力樹脂 Acrylic Resin	紅 Red	113,000~119,000	1,500~3,000	78	2.97	-10	--	140	-40~100
GM344	PET, Mylar	壓克力樹脂 Acrylic Resin	紅 Red	12,000~18,000	1,500~3,000	70	3.20	-20	--	170	-40~100
GM344-1	PET, Mylar	壓克力樹脂 Acrylic Resin	紅 Red	12,000~18,000	1,500~3,000	70	2.91	-20	--	170	-40~100
GM344-2	PET, Mylar	壓克力樹脂 Acrylic Resin	透明 Colorless	12,000~18,000	1,500~3,000	70	2.91	-20	--	170	-40~100
GM344-3	PET, Mylar	壓克力樹脂 Acrylic Resin	紅 Red	8,000~12,000	1,500~3,000	70	2.91	-20	--	170	-40~100
GM344-4	PET, Mylar	壓克力樹脂 Acrylic Resin	紅 Red	5,000~7,000	1,500~3,000	70	2.91	-20	--	170	-40~100
GM304	鈦合金 Titanium alloys	壓克力樹脂 Acrylic Resin	微黃 Light Yellow	5,000~6,600	1,500~3,000	68	3.00	--	AC+ Metal>20	--	-40~100

應用二

圍繞音膜-音膜與盆架的黏接

Speaker Application II. Bonding diaphragm and frame

產品特色 Feature

- 針對喇叭內Mylar片外圍與黑色塑膠PBT的接著
Bonding Mylar with housing and PBT
- UV固化後膠體具韌性，有吸震和耐冷熱衝擊等性質
The cured UV adhesives show good toughness, vibration resistance and thermal shock resistance.
- 通過冷熱循環(-20~80°C)和高溫動態測試...等信賴性實驗
These resins can pass many environmental test experiments.
- 不影響震盪頻率的數據
It won't affect the oscillation frequency of the micro speaker.



產品編號 Product Item.	適用材質 Material	化學類別 Chemical Type	顏色 Color	黏度值 Viscosity, cps	硬化條件 Typical Curing Properties mj / cm ²	硬度 Hardness Shore A	吸水率 Water absorption 25°C*24hr, %	玻璃轉換溫度 Tg, °C	拉力強度 Tensile strength kg/cm ²	伸長率 Elongation , %	耐熱溫度 Temperature range, °C
GN618	Mylar, ABS, PC	壓克力樹脂 Acrylic Resin	透明 Colorless	1800~2600	1500~3000	D55	2.91	-6	--	248	-40~100
GM304	Mylar, Metal	壓克力樹脂 Acrylic Resin	微黃 Light Yellow	5000~6600	1500~3000	D68	3.00	--	AC+Metal >20	--	-40~100

應用三

圍繞音膜-引線固定

Speaker Application III. Bonding lead wires

產品特色 Feature

- 柔韌的膠體不會影響震盪頻率
It won't affect the oscillation frequency of the micro speaker with its flexible properties.
- 有顏色可供辨識方便製程管控
Products colored for easy inspection and process control.
- 具有搖變特性不會垂流
This product can be also controlled flow and have sag resistance with its excellent thixotropic property.



產品編號 Product Item.	適用材質 Material	化學類別 Chemical Type	顏色 Color	黏度值 Viscosity, cps	硬化條件 Typical Curing Properties mj / cm ²	硬度 Hardness Shore A	吸水率 Water absorption 25°C*24hr, %	玻璃轉換溫度 Tg, °C	拉力強度 Tensile strength kg/cm ²	伸長率 Elongation , %	耐熱溫度 Temperature range, °C
GN618-2	Mylar, plastic	壓克力樹脂 Acrylic Resin	藍色 Blue	1,800~2,600	1,500~3,000	D55	2.91	-6	--	250	-40~100
GM344-5	PET, Mylar	壓克力樹脂 Acrylic Resin	藍色 Blue	5,000~7,000	1,500~3,000	A70	2.91	-20	--	170	-40~100
FP7111	Metal	壓克力樹脂 Acrylic Resin	淡黑色 Light Black	13,500~20,500	2,000	D72	1.12	40	--	--	-40~100

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