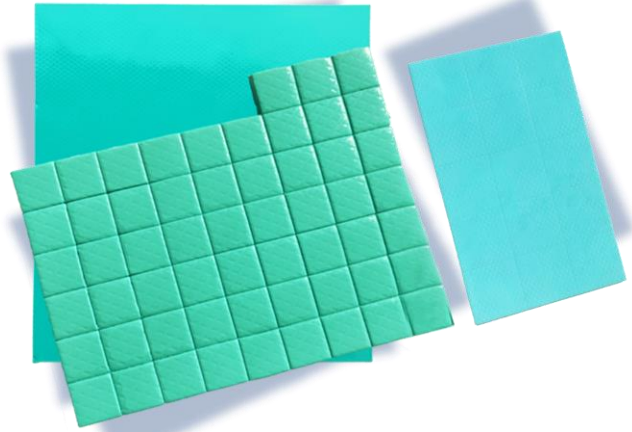


導熱矽膠片 Y-P Series

Thermal Conductive Pad

- K值 1~14 W/mK (Thermal conductivity 1~14 W/mK)
- 具有極佳的導熱性 (Excellent thermal conductivity)
- 高耐電壓 (High voltage resistance)
- 擁有自黏性 (Self-adhesive)
- 低出油 (Low oil output)



Properties 特性

| Test Method | Unit | P015 | P050 | P060 | P070 | P080 | P140 | |
|--|------------|---------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Composition 主要成份 | — | Filled silicone elastomer | | | | | | |
| Thermal Conductive 導熱率 | ASTM D5470 | W /mK | 1.5 | 5 | 6 | 7 | 8 | 14 |
| Thickness 厚度範圍 <small>(標準品為0.5mm為單位 Standard products are in 0.5mm increments.)</small> | ASTM D374 | mm | 0.3~10 | 0.5~10.0 | 0.5~10.0 | 0.5~10.0 | 0.5~5.0 | 1.0~3.0 |
| Hardness 硬度 | ASTM D2240 | Shore 00 | 50±5 | 55±5 | 55±5 | 55±5 | 55±5 | 80 |
| Density 密度 | ASTM D792 | g/cm ³ | 2.1 | 3.3 | 3.4 | 3.5 | 3.5 | 3.5 |
| Temperature Range 操作溫度 | EN 344 | °C | -40~+200 | | | -40~+200 | | |
| Breakdown Voltage 耐電壓值 | ASTM D149 | V | 8k | 6k | 5k | 5k | 6k | 5k |
| Flame Rating 阻燃等級 | UL 94 | — | V0 | V0 | V0 | V0 | V0 | V0 |
| Dielectric Constant 電介質常數 | ASTM D150 | @10MHz | 4 | 4.5 | 4.2 | 4.2 | 4.6 | 5.5 |
| Standard Sheet Size 標準片材尺寸 | — | mm | 200*400 | 200*400 | 200*400 | 200*400 | 200*400 | 200*400 |
| Volume Resistivity 體積阻抗 | ASTM D257 | Ohm-cm | 10 ¹⁰ | 10 ¹³ | 10 ¹³ | 10 ¹³ | 10 ¹³ | 10 ¹² |

