



Features 特性

- High Thermal Conductivity

高导热

- Low Density 低密度

- High Reliability 高可靠性

- Automatic Dispensing

自动化点胶

Applications 产品应用

- Consumer Electronics 消费电子

- Communication Equipment 通讯设备

通讯设备

- Power Supply Controller 电源控制系统

电源控制系统

- Smart Wearable Product 智能穿戴产品

Thermal TG0601 是一种具有高导热，低密度，低压缩应力和优异可靠性的单组份导热凝胶。其具有良好的弥合公差能力，适用于自动化点胶以及丝网印刷等应用场景。

Thermal TG0601 is a kind of one-component thermal conductive gel with high thermal conductivity, low density, low compression stress and excellent reliability performance. The material provides good gap filling ability and could be used for automatic dispensing and screen printing.

| Property 特性 | Typical Value 典型值 | Unit 单位 | Test Method 测试方法 |
|-------------------------------------|--|-------------------|----------------------|
| Composition 主要成分 | Silicone Filled with Thermal Powder 硅胶&导热粉体 | — | — |
| Color 颜色 | Orange 橘色 | — | Visual 目视 |
| Thermal Conductivity 导热系数 | 6.0 | W/m·K | ASTM D5470 |
| Flow Rate 流速 | 22 | g/min | 55cc EFD, 90Psi |
| Density 密度 | 2.96 | g/cm ³ | ASTM D792 |
| Temperature Range 耐温范围 | -40 - 150 | °C | — |
| Breakdown Voltage 击穿强度 | > 5.0 | KV/mm | ASTM D149 |
| Flame Rating 阻燃等级 | V-0 | — | UL 94 |
| RoHS Compliance 合规性 | YES | — | — |
| Shelf Life 保存期 | 6 | month | 25±5°C, ≤50% RH, 未启封 |

All technical information stated in this technical data have been confirmed that all the technical parameters are reliable after harsh testing and evaluation of the products. Before you use our products, please carefully evaluate and decide whether the product meets your requirement and you need to take all the risks and responsibilities to use.

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