



## Features 特性

- High Enthalpy 高焓值
- Automatic Dispensing  
自动化点胶
- Natural Tackiness 自然粘性
- Excellent Reliability 高可靠性

## Applications 产品应用

- Action Camera 运动相机
- Smart Watch / Phone  
智能手表/手机
- Virtual Reality 虚拟现实设备
- Unmanned Aerial Vehicle 无人机

**Thermal TSG0060-37** 是一种既可以导热又可以储热的后固化单组份凝胶，材料具有高焓值、低压缩应力和高可靠性等特点。具有良好的弥合公差能力，适合用于自动化点胶及丝网印刷。

**Thermal TSG0060-37** is a one-component post-cure material with both thermal conductive and heat storage functionality. The product provides high enthalpy, low compression stress as well as excellent reliability. The material has great conformability to fill in the gap between the substrate, which is suitable for automatic dispensing and screen printing.

Property 特性	Typical Value 典型值	Unit 单位	Test Method 测试方法
Color 颜色	Gray 灰色	—	Visual 目视
Thermal Conductivity 导热系数	0.6	W/m·K	ASTM D5470
Flow Rate 流速	> 200	g/min	30cc EFD, 90Psi
Enthalpy 焓值	78	J/cm <sup>3</sup>	ASTM D3418
Phase Change Temperature 相变化温度	37	°C	ASTM D3418
Density 密度	1.3	g/cm <sup>3</sup>	ASTM D792
Hardness 硬度 (Shore A)	50	—	ASTM D2240
Temperature Range 耐温范围	-40 - 100	°C	—
RoHS Compliance 合规性	YES	—	—
Shelf Life 保存期	6	month	≤ -10°C

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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