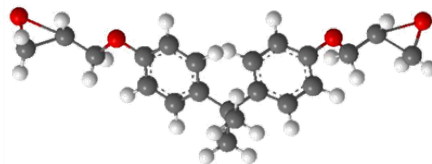


# EPORITE



## ***EPORITE TIM-0001***

### **DESCRIPTION**

EPORITE TIM-0001 is a silicone -containing and solvent-free thermal conductive grease. Because of the low thermal resistance, they are recommended for being a medium between heat sinks and processors (such as CPU) for effectively improving processing. Additionally, EPORITE TIM-0001 displays a very low thermal resistance, a facile operation, an excellent reliability and stability.

### **FEATURES**

- ✓ Low thermal resistance
- ✓ High reliability and stability
- ✓ Easy operation
- ✓ Non-dry out
- ✓ Nonelectric
- ✓ RoHS Certificated

### **APPLICATION**

- ✓ CPU
- ✓ MOS
- ✓ LED
- ✓ Microprocessor
- ✓ Heat sink
- ✓ Graphic card
- ✓ Power
- ✓ Relay

### **APPLICATION METHOD**

- ✓ Screen printing
- ✓ Pad printing

### **STORAGE**

Seal the container tightly and place at room temperature can be stored for one year.

### **SPECIFICATION**

Property	EPORITE TIM-0001
Color	White
Specific gravity (ASTM D1475)	2.9 ± 0.3
Viscosity (25°C)	High Viscosity Paste
Consistency (ASTM D217)	260 mm
Thermal conductivity (ASTM D5470)	2.0 W/m°C
Thermal impedance (ASTM D5470)	0.014 ~ 0.032°C-in <sup>2</sup> /W
Volatile Content (240 hrs at 100°C)	< 0.3%
Oil separation (24 hrs at 150°C)	< 0.5%
Dielectric strength	4.5 kV/mm

### **REMARK**

The information contained is believed to be reliable and only for the reference without any effective guarantee for the application of the user. The user is responsible to determine the suitability for the user's application and the reliability of the products. Epolab Chemical will not accept claim of warranties of the fitness or reliability for a particular purpose especially the liability for consequential damages of end products.



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