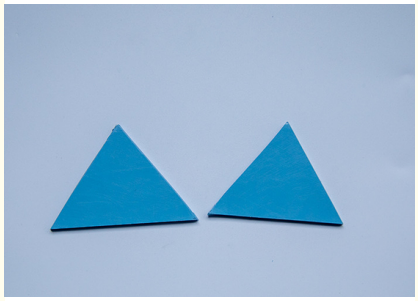
1.5 W/mK High compressibility Silicon Free Thermally Conductive Silicone Sheet

Our Product Introduction

Basic Information

- Brand Name: zhonglei
- Minimum Order Quantity: 100 m²
- Packaging Details: carton
- Supply Ability: 10000



Product Specification

- Thickness: 0.5~10mm
- Flame Retardant: Yes
- Adhesion Strength: Strong
- Hardness: 50 Shore A
- Thickness Tolerance: ±0.001" (±0.025mm)
- Tensile Strength: 48 Psi
- Operating Temperature Range: -40°C To 200°C
- Chemical Resistance: Excellent
- Highlight: **1.5 W/mK thermally conductive material**, **10mm thermally conductive silicone sheet**

Product Description

Product Description:

Thermally Conductive Material

Product Overview:
Thermally Conductive Material is a high-quality thermal conductivity material designed to provide excellent heat transfer and bonding properties. It is a versatile product that can be applied using either dispensing or brushing methods, making it suitable for a variety of applications.
Tensile Strength: 48 Psi
Color: Blue
Density:3.2G / Cbm
Chemical Resistance: Excellent
Thermally Conductive Material is specially formulated to have excellent chemical resistance, ensuring its durability and reliability in various environments. Its grey color allows for easy identification and tracking in production processes.
With a high tensile strength of 48 Psi, this thermal conductive adhesive provides strong bonding for a wide range of materials, including metals, ceramics, and plastics. Its density of 3.2 G / Cbm ensures a smooth and uniform application, resulting in a reliable and efficient heat transfer.
Overall, Thermally Conductive Material is a top choice for industries requiring efficient heat transfer and reliable bonding. Its excellent thermal conductivity, application versatility, and chemical resistance make it an essential product for various manufacturing processes.

Features:

Product Name: Thermally Conductive Material
Thickness Tolerance: ±0.001" (±0.025mm)
Density: 3.2 G / Cbm
Dielectric Strength: 10KV/mm
Color: Blue
Heat Conducting Material
Heat Conductive Substance
Thermal Conductive Putty

Technical Parameters:

Product Name	Thermally Conductive Material
Tensile Strength	48 Psi
Thickness Tolerance	±0.001" (±0.025mm)
Thermal Conductivity	6 W/mK
Color	Blue
Material	Silicone
Flame Retardant	Yes
Operating Temperature Range	-40°C To 200°C
Dielectric Strength	10 KV/mm
Thickness	0.5~10mm
Product Type	Thermal Conductive Adhesive, Heat Conductive Compound, Thermal Conduction Material

Applications:

Thermally Conductive Material - Application

Thermally Conductive Material is a type of heat conductive substance that is widely used in various industries for its high thermal conductivity and excellent heat dissipation properties. It is a thermally conductive compound that is designed to efficiently transfer heat away from electronic components, providing effective thermal management for various applications.
One of the main applications of Thermally Conductive Material is in electronic devices, where it is used to dissipate heat generated by electronic components. With a Thermal Conductivity of6 W/mK, this material is able to effectively transfer heat away from the source, preventing overheating and potential damage to the electronic components.
Another important application of Thermally Conductive Material is in electrical insulation. With a Dielectric Strength of 10 KV/mm, this material is able to provide excellent electrical insulation, making it suitable for use in high voltage applications. It can be used to coat electronic components, providing both heat dissipation and electrical insulation.
Thermally Conductive Material is also commonly used in the automotive industry, particularly in the manufacturing of electronic components for vehicles. Its high thermal conductivity and electrical insulation properties make it an ideal material for use in engine

control units, power steering systems, and other electronic components in cars.
In terms of application methods, Thermally Conductive Material can be applied through dispensing or brushing. Dispensing is a more precise method of application, suitable for small electronic components. Brushing, on the other hand, is a more versatile method that can be used for larger surfaces or irregularly shaped components.
One of the key features of Thermally Conductive Material is its Thickness Tolerance of ±0.001" (±0.025mm), making it a highly precise and consistent material. This ensures that the material is applied evenly and effectively across the surface, providing optimal heat dissipation and electrical insulation.
In terms of curing methods, Thermally Conductive Material can be cured at room temperature or through heat cure. This provides flexibility in the manufacturing process, allowing for a quicker and more efficient production of electronic components.
Overall, Thermally Conductive Material is a highly versatile and effective material, widely used in various industries for its excellent heat dissipation and electrical insulation properties. Its high thermal conductivity, precise thickness tolerance, and various application methods make it an essential component in the thermal management of electronic devices and components.

Customization:

Thermally Conductive Material Customization Service

Product Overview

Our **Thermally Conductive Material** is a highly efficient and reliable solution for heat dissipation in various applications. It is a specially formulated **Thermally Conductive Compound** that can be customized according to specific requirements.
Application Method

This **Thermally Conductive Compound** can be applied using two methods - **Dispensing** or **Brushing** - depending on the needs of your project. Both methods are easy to use and allow for precise and uniform application.
Thermal Conductivity

With a thermal conductivity of 6 **W/mK** , our **Thermally Conductive Material** ensures efficient heat transfer and dissipation, keeping your equipment cool and functioning at its best.
Dielectric Strength

Our **Thermally Conductive Material** has a high dielectric strength of **10 KV/mm** , making it suitable for use in electrical and electronic applications.
Hardness

The **Thermally Conductive Compound** has a hardness of **50 Shore A** , providing excellent resistance to wear and tear, ensuring long-lasting performance.
Chemical Resistance

Our **Thermally Conductive Material** has excellent chemical resistance, making it suitable for use in harsh environments and ensuring durability.
Customization Options

We understand that every project has unique requirements, which is why we offer **Thermally Conductive Compound Customization** services. Our team of experts can work with you to create a custom solution that meets your specific needs.
Don't let heat be a problem in your project. Choose our **Thermally Conductive Material** and take advantage of our **Customization Services** for a tailored solution that guarantees optimal performance. Contact us today to learn more!

Packing and Shipping:

Thermally Conductive Material

Packaging and Shipping

Our Thermally Conductive Material is carefully packaged to ensure its safe arrival to our customers. We use high-quality and durable materials to protect the product during transportation. The packaging is designed to prevent any damage or leakage during shipping.
Each package includes a detailed product label with information on the product name, quantity, and any special handling instructions. This label also includes our company logo and contact information for easy identification.
We offer various packaging options to meet the specific needs of our customers. Our standard packaging options include plastic bags, cardboard boxes, and drums. We also offer customized packaging solutions upon request.
For shipping, we work with reliable and reputable carriers to ensure timely delivery and safe handling of our products. We also offer expedited shipping options for urgent orders.
At Thermally Conductive Material, we take great care to ensure our products arrive in perfect condition to our customers. We are committed to providing high-quality and efficient packaging and shipping services to meet the needs of our clients.

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