



Nano composite thermal conductive pad

Product description:

Our nano composite thermal conductive pad is made from the composite powder of MWCNT, AlN, ZnO, the surface passivated Al powder and silicone rubber.

By the way of nano modification and dispersing technology, nano composite thermal conductive powder can promote the compatibility of heat conductive material and the matrix, makes the effective heat conductive material content to increase, and controls operation and fluidity, promotes the heat conduction effect.

Thermal conductive pad DN-L00101 is designed to provide heat transfer path between heat generating components and cooling devices. Good thermal conductivity of 3.0 W/m · K, soft and compressibility, easy to assembly.

Model number: DN-L00101

Ingredients: AlN, MWCNT, Al, ZnO, silicone oil, rubber

Specifications:

Color	: Gray
Thickness (mm)	: 0.2
Specific gravity (g/mL)	: 1.7 +/- 0.1
Surface Resistance (Ω /sq)	: $< 10^{14}$
Weight Loss (%)	: 2.1 +/- 0.2
Thermal Conductivity Coefficient(W/m · K)	: 3.0 +/- 0.2
Working temperature ($^{\circ}$ C)	: -50 ~ 200
Shelf Life	: Two years

※ **Thermal conductivity is measured under the conditions of loading=10Kg, heat source=10W, thickness=0.2 mm.**

This product is compliance with the test of Rohs. (No cadmium, lead, mercury, hexavalent chromium, polybrominated biphenyls, and polybrominated diphenyl ethers contained)

Scope of application:

Nano composite thermal conductive pad can be used in electronic components and devices.

Storage: Please store this product in a dry and dark place.

Packing:

※ **This instruction leaflet is only intended for reference purpose with no guarantee nature, please test the suitability of this product before using.**

