

Heat Conduction Pad



Product Features

Heat conduction pad is high-performance and gap filling material for heat dissipation. It is used to put between the electronic equipment and shell, it is with stickiness, flexibility, compressibility and good thermal conductivity. It is used for high power LED lamp, such as LED bulb, LED Spotlight, LED Street light, etc.

Characteristics

Test Item	Unit	Data	Test Method
Color	-----	Dark grey	Visual
Thickness	mm	0.5 ~ 5.0	ASTM D374
Spec	mm	210*210	ASTM D1204
Density	g/cc	2.7	ASTM D792
Hardness	Shore C	25±5	ASTM D2240
Tensile Strength	KN/m	0.3	ASTM D412
Elongation	%	64	ASTM D412
Breakdown Voltage	Kv/mm	≥5.0	ASTM D149
Volume Impedance	Ω .cm	1.1×10^{16}	ASTM D257
Continuous Use Temp	°C	-40 ~ 150	EN344

Weight Damnify	%	≤0.3	@200°C 240H
Flame Rating	-----	V-0	UL 94
Thermal Conductivity	W/m.k	2.8	ASTM E 1461