



TGKSTIM9K

Silicone Thermal Pad

Version 4.300518

Silicone Thermal Pad

TGKSTIM9K is a black coloured silicone thermal pad, suitable for use as thermal interface material or a heat sink to dissipate the heat from electronic devices, especially in integrated circuits (IC) and LEDs packaging. TGKSTIM9K has a low hardness and elasticity, with high temperature resistance and good electrical insulation.

Features

- Highly compressible
- Naturally tacky
- Low oil bleed
- Electrically insulating

Applications

Electronic components: IC, CPU, MOS
 LED, M/B, P/S, Heat Sink
 LCD, TV, Notebook PC, PC Telecom Device, Wireless Hub, etc.
 DDR II Module, DVD Applications, Hand-set applications, etc.

Properties

- ✓ REACH Compliant
- ✓ ROHS Compliant

Property	TGKSTIM9K	Unit	Tolerance	Test Method
Binder	Silicone	-	-	-
Colour	Black	-	-	Visual
Reinforcement	None	-	-	-
Specific Gravity	1.2	-	-	-
Thermal Conductivity	0.9	W/mK	-	ASTM D5470
Hardness	37	Shore A	-	ASTM D4120
Flammability	V-0	-	-	UL94
Operating Temperature	-45 to 200	°C	-	ASTM D412
Shelf Life	36	months	-	-
Shelf Life with adhesive (can be requalified for further 12)	12	months	-	-

Part Number Information

Product	Length	Width	Thickness
TGKSTIM9K	288mm	192mm	0.5mm-9.0mm



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