

## Non-Silicone Thermal Compound / XK-SN10

### Introduction

XK-SN is a good thermal solution for silicone-sensitive applications. The material is supplied as a two-part component, curing at Medium temperatures.

### Features

No Siloxane Volatiles  
High thermal conductive  
Electrical insulating

### Applications

Mechanical switching relay  
Motor unit



	Unit	XK-XN10	Method
Resin type		epoxy	
Color		dark gray	visual
Specific Gravity	g/cm <sup>3</sup>	1.5	ASTM D792
Hardness	Shore D	90	ASTM D2240
Thermal impedance@0.5mm	°Cin <sup>2</sup> /W	0.83	ASTM D5470
Thermal Conductivity	W/mK	0.8	HOT DISK
Volume Resistivity	Ωcm	>10 <sup>13</sup>	ASTM D257
Breakdown Voltage	KV/mm	15	ASTM D149
Dielectric Constant	1	4	ASTM D150
Application temperature	°C	-40~150	
Tensile strength	psi	2000	ASTM D149
Glass Transition Temp	°C	140	DSC
Siloxane Volatiles D4~D20	%	0	GC-FID
Flammability	UL94	V-0	UL94