

## Non-Silicone Thermal Compound / XK-SN20

### 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-SN20	Method
Resin type		epoxy	
Color		gray	visual
Specific Gravity	g/cm <sup>3</sup>	2.5	ASTM D792
Hardness	Shore D	90	ASTM D2240
Thermal impedance@0.5mm	°Cin <sup>2</sup> /W	0.72	ASTM D5470
Thermal Conductivity	W/mK	1.5	HOT DISK
Volume Resistivity	Ωcm	>10 <sup>13</sup>	ASTM D257
Breakdown Voltage	KV/mm	>10	ASTM D149
Dielectric Constant	1	6	ASTM D150
Application temperature	°C	-40~150	
Tensile strength	psi	1500	ASTM D149
Glass Transition Temp	°C	120	DSC
Siloxane Volatiles D4~D20	%	0	GC-FID
Flammability	UL94	V-0	UL94