

KennTherm 9231

KennTherm 9231 Thermal Compound is a non-silicone grease with low thermal impedance and long-term stability., the Specially formulated thermal compound with low viscosity and good consistency can be spread easily and evenly.

It can apply to the base and mounting studs of transistors, diodes and silicon-controlled rectifiers. It can also serve as an effective thermal interface material for many heat sink devices where efficient cooling is required.

Features

- Non-Silicone Based
- No-metal compound
- No migration
- Safe to use
- Low dry-out
- Low thermal impedance
- Easy to apply
- Easy to clean-up



Specifications

Properties		Test Methods	Units	Typical value
Color				White
Consistency		ASTM D217		400
Specific Gravity		ASTM D1475	g/cm ³	2.5
Viscosity		BrookField CVE #7 12 rpm	Cps	170000
Thermal Properties				
Thermal Conductivity		ASTM D5470	W/m-K	1.25
Thermal Impedance		ASTM D5470	K-in ² /W	0.036
Dry-Out test		240 Hours at 363K	Weight%	<0.1%
Electrical Properties				
Dielectric constant	298K@1000 Hz	ASTM D-150		0.90
	298K@100K Hz	ASTM D-150		0.60
Dissipation factor	298K@1000 Hz	ASTM D-150		0.023
	298K@100K Hz	ASTM D-150		0.026
Dielectric Strength		ASTM D-149	kV/mm	4.8

Packaging: KennTherm 9231 packing is available in 1, 2, 10kg/can and in 1~30g syringe tube and small size sealing packing in 1.0~8.0g/ piece.

Storage and self life: KennTherm 9231 heat sink compound has a shelf life of 12 months and keep storage at room temperature.

聲明：此文件中呈現之資料乃源自供參考之標準材料以及供應商提供之測試數據，為俊馳材料科技股份有限公司之最有效以及精確之內容，僅供貴公司用於參考、檢視和審核所用。