



Transistor Silicone Grease

Heat Sink Compound

1977

Introduction

A heat conductive material used to coat the bases of power transistors as they are connected to heat sinks. The grease is heat conductive and will draw the heat away from the transistor allowing it to run cooler.

Features / Benefits

- Conducts Heat
- Nonthe Cleaning
- Easy Application

Technical Data	
Color	White, opaque
Specific Gravity	2.4 @ 25°C per ASTM D70 test method
Penetration, worked (ASD 217)	280 Penetration, unworked after 24 hrs., maximum: 270 Bleed, 24 hrs./200°C (392°F), % maximum: 1.5 Evaporation, 24 hrs./200°C (392°F)
Service Temperature Range	-40°C to 200°C/-40°F to 392°F
Thermal Conductivity, cal/cm/ C/s	1 x 10 ⁻³ W/m/ C/s: 0.42
Dielectric Strength, KV/mm (UTE C 26225)	15
Dielectric Strength at 1 kHz (AS D 150)	3.5
Tangent of loss angel at 1 kHz (AS D 150)	5 x 10 ⁻³
Volume Resistivity, ohm.cm (UTE C 25215)	1 x 10 ¹⁵
Drop Point, C (F) (AS D 566)	None
Flash Point (TCC Method)	None

Chemical Components

Zinc Oxide, USP.....(1314-13-2) >70%
 This material is not considered to be a hazard.
 Products of this type are sold to consumers, over the counter

Environmental Policy

Techspray® is committed to developing products that have minimal effects on the environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Packaging and Availability

Transistor Silicone Grease is available in the following sizes:

1977-DP 4 Ounce Squeeze Tube

Resources

Techspray® products are supported by a global sales, technical and customer services resources.

For additional technical information on this product or other Techspray® products in the United States, call the technical sales department at 800-858-4043, email tsales@techspray.com or visit our web site at: www.techspray.com.

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Call to locate a distributor
in your country.

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