

PRODUCT DESCRIPTION:

AA-GREASE 06 is a silicone base grey heat sink grease compound, which is applied to the base and mounting studs of transistor and diodes to provide a positive heat sink seal, this facilitates heat transfer away from electrical/electronic components and into heat sinks, thereby increasing the overall efficiency and performance of the device.

AA-GREASE 06 is heavily filled with efficient heat conductive Alumina and a binding agent, this combination promotes high thermal conductivity, high temperature stability, and the lowest amount of bleed and evaporation.

AA-GREASE 06 resists changes in consistency temperatures up to 160°C; function as heat transfer media, durable dielectric insulation, barrier against environmental contaminants and as a stress-relieving shock and vibration absorber over a wide temperature and humidity range. AA-GREASE 06 is resistant to ozone and ultraviolet degradation and has good chemical stability, good interference between the heat producing device and the heat transfer media, and low surface tension that enables them to wet most surfaces.

GENERAL PROPERTIES:

Appearance	Grey paste
Benefits	<ul style="list-style-type: none"> • Low cost • Paste • Non Toxic • Rework able • Easily Removed • Non Flammable • Non Hazardous Polymerization
Typical Applications	<ul style="list-style-type: none"> • Thermal coupler for heat sink device • Temperature sensing devices • Thermal joints • Hardware • Right product for thermal management

GENERAL INFORMATION:

For safe handling information on this product, consult the Safety Data Sheet, (SDS).

PHYSICAL PROPERTIES:

Fluid	Dimethyl polysiloxane
Filler	Alumina
Specific Gravity @ 25 C	2.75 gm/cc

ELECTRICAL POPERTIES:

Dielectric Constant	4.26 @Frequency 100 Hz
Dielectric Strength	380 v/mil
Dissipation Factor	0.020 @Frequency 1000 Hz

THERMAL PROPERTIES:

Operating Temperature	-10 to 160 °C
Thermal Conductivity W/m-k	1.98

AVAILABILITY:

AA-GREASE 06 can be supplied in many different packages

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