

Product Information

min flow chemical lab
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Coolase-HC-V65

FEATURES

- * High Thermal Conductivity
- * Stable at high temperatures
- * Low oil bleed

Composition

- * Silicone and Fine Ceramics compound

Application

- * Gap fill between heat sinks and Transistors, Diodes, other heat source

Silicone Thermal grease

Typical Property

Property	Unit	Value
Viscosity at 25 °C	cp	150,000
Specific gravity at 25°C		3.06
Oil Bleed	%	< 1.0%
Thermal conductivity	W/mK	6.5
Volume Resistivity	Ohm*cm	1.0E+12 Over
Use Temperature	°C	-40 ~ 200
Shelf Life at 25°C	months	12

Description

MINFLOWCHEMICAL@COOLASES thermally conductive compounds are grease like silicone materials, heavily filled with heat-conductive metal oxides. This combination promotes high thermal conductivity, low bleed and high-temperature stability.

The compounds resist changes in consistency at temperatures up to 177°C (350°F), maintaining a positive heat sink seal to improve heat transfer from the device to the heat sink or chassis, thereby increasing the overall efficiency.

Thermally conductive silicones function as heat transfer media, durable dielectric insulation, barriers against environmental contaminants and as stress-relieving shock and vibration absorbers over a wide temperature and humidity range

Curing

Non-Curing

SABLE LIFE AND STORAGE

When stored at or below 30°C in the original unopened containers Minflowchemical@Coolase has a usable life of 12 months from the date of production.

LIMITED WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Minflowchemical's products are safe, effective, and fully satisfactory for the intended end use.