

LEDGlue® LG4000

Thermal Conductive
Silicone Adhesive



Description

LEDGlue® LG4000 is a silicon based, mono-componente, thermally conductive adhesive which provides superior thermal performance, offering low contact resistance and long life durability. LEDGlue® LG4000 is RoHS and Reach compliant



Characteristics

- Medium Viscosity
- Mono Component
- Short Hardening cycle
- Superior adhesion



Applications

- PCBs and Heat Sinks
- LED Modules
- Sensors
- Electronic Components



Delivery Format

- 300cc cartridges
- 30cc and 10cc syringes

Typical Properties

Property	Standard	Unit	Performance
Color	-	-	Branco
Viscosity	-	cpa	12.500
Tack free time	-	Minutes	7
Post-cure time	-	g/cm3	2,2
Shelf life @10°C	-	Months	12
Hardness	-	Shore A	80,00
Thermal Resistance	-	°C	-40 a 200
Dielectric Strength	-	kV/mm	10,00
Dielectric Constant	-	1000 Hz	5,50
Electrical Resistivity	-	Ohm.m	1011
Flammability Class	-	UL 94	V0
Thermal Conductivity	-	W/m.k	1,00
Cure Time	a 25°C	Hours	10
	a 125°C	Minutes	20
	a 150°C	Minutes	10