



TG-A96AB

Epoxy Potting Compound

REACH Compliant

RoHS Compliant

Features

- Epoxy based material with high hardness for support
- Protect components from any effect after cure
- Applicable for dispenser
- Cures at room temperature or with heat

Applications

Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

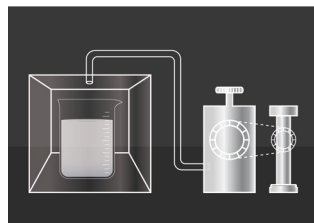
Storage

Epoxy Potting Compound has a shelf-life of 12 months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at or below 25°C.

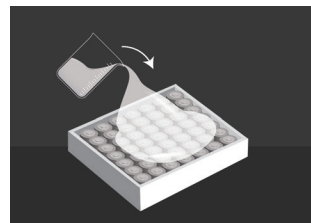
Operation Manual



① Mix with component A and B.



② Vacuum out air.



③ Pour potting compound.

Properties

Thermal Conductivity : 2.6 W/m·K

Hardness : 68 (Shore A)

0 0.8 1.2 1.4 1.6 1.7 1.8 2.2 3.2 3.6 4.0 4.5 5.0 15 20



0 5 10 15 20 25 30 40 80



Properties	Unit	TG-A96AB	Tolerance	Test Method
Thermal Conductivity	W/m·K	2.6	±0.25	ASTM D5470 Modified
Color	-	White/Black	-	-
Dielectric Breakdown Voltage	kV/mm	≥11	-	ASTM D149
Weight Loss	%	<1	-	By T-Global
Density	g/cm ³	2.5	±5%	ASTM D792
Operating Temperature	°C	-25~+150	-	-
Viscosity	Pa·s	1.8~2.5	-	Brookfield Viscometer
Curing Time @25° C	hr	12	-	-
Curing Time @80° C	hr	0.5	-	-
Standard Package	-	Pot	-	-
Hardness	Shore A	68	±10	ASTM D2240
Mixing Ratio	gram	13:1	-	-

► Component A is a mixed material of epoxy and thermal conductive powder. It is normal to cause precipitation and stratification due to different density. Well mixed component A before use by a flat spatula or other stainless tools to achieve the ideal thermal conductivity.

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