

DA150LE DA150LW

YINCAE PRODUCTS

ADHESIVES

DA150LE DA150LW

TRESKY DA150LE and DA150LW are one-component, thermo-setting insulating transparent or white die attach adhesives which has been designed for LEDchip (GaN) bonding. DA150LE and DA150LW has excellent adhesion, good thermal and UV resistance, as well as non-bleeding property. It can be used for small and large die attach. It can be applied using dispense or pin transfer method. It has demonstrated high reliability and high temperature reflow performance.

High thermal stability

Excellent moisture resistance

High reliability

Product Name	DA150LE transparent adhesives DA150LW conductive adhesives
PROPERTIES OF UNCURED MATERIAL	
Chemistry	Epoxy
Specific Gravity (ASTM D 1475-60)	DA150LE : 1.08 g/cc DA150LW: 1.25 g/cc
Viscosity	10-50 k cp
PROPERTIES OF CURED MATERIAL	
Lap shear strength (psi)	1800
C.T. E (ASTM E 831), PPM /°C	DA150LE : 65 DA150LW: 25-30
Tg (°C)	>120
Thermal Conductivity (W/mK)	DA150LE : >0.4 DA150LW: >0.9
Light Transmittance	>85%
Refractive Index	1.52
Die Shear Strength (Kg/mm ²)	2x2mm Silicon die on Pd: 2.0 2X2mm Au silicon die on bare Cu: 2.5 2x2mm Au silicon die on Au: 2.3
Extractable ions (MIL-STD-883E)	
Na+	<5ppm
K+	<5ppm
F-	<5ppm
Cl-	<10ppm



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RECOMMENDED CURING CONDITIONS

DA150LE: 60 min cure at 150°C.

DA150LW: 5-10 min cure at 150°C.

Note: the cure time not including the time to allow the bond location to reach the desired cure temperature. Alternate cure profiles may be evaluated.

STORAGE & SHELF LIFE:

6 months provided materials are kept in sealed original container at -10°C to -20 °C. Storage beyond this period can produce higher viscosity. Protect from moisture, evaporation and foreign materials. Process ability of these products can be adversely affected by evaporation and contamination.

SAFETY:

DA150LE and DA150LW is a friendly, non-toxic material. However, general hygiene practice is recommended when handling this material. For detail information please consult our MSDS.

PACKAGE:

DA150LE and DA150LWconductive adhesives are available in 10cc and 30cc package. Other packages are available depending on customer's request. Contact **TRESKY** for order information.

Note: All specifications are subject to change without notice

REPRESENTED BY:

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