

DA90 DA150 DA150L

YINCAE PRODUCTS

ADHESIVES

DA90 DA150 DA150L

TRESKY DA90, DA150 and DA150L is a silver filled, highly electrically conductive, solvent-free and fast cure thermosetting die attach adhesives. All DA's has excellent adhesion to the substrate and bare die. It can be used for small and large die attach. It can be applied using dispense or printing method. It has demonstrated high reliability and high temperature re-flow performance.

High electrical stability

Excellent moisture resistance

High reliability

Product Name	DA90 DA150 DA150L conductive adhesives
PROPERTIES OF UNCURED MATERIAL	
Filler	Silver
Specific Gravity (ASTM D 1475-60)	2.5 g/cc
Viscosity	DA90 : 10-50 k cp DA150 : 10-50 k cp DA150L: 2-5 k cp
PROPERTIES OF CURED MATERIAL	
Tensile Strength (Mpa)	56
C.T. E (ASTM E 831), PPM /°C	DA90 : 35 DA150 : 35 DA150L: 32
Young's modulus (Gpa)	26.3
Thermal Conductivity (W/mK)	DA90 : 2 - 5 DA150 : 2 DA150L: >2.8
Volume resistivity (Ω.cm)	0.00003-0.00008
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

DA90 : 30-50 min cure at 90°C.

DA150 : 6-10 min cure at 150°C.

DA150L: 6-10 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:

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

PACKAGE:

DA conductive 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:

HEADQUARTERS

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