

LA 150 Lid Attach Product Datasheet

Enhance Reliability
High Thermal Stability
High Adhesion

Description

LA 150 is a lid attach adhesive offering a low modulus and low glass transition temperature. It has a low viscosity and is easy to apply. LA 150 offers excellent adhesion, thermal shock, and thermal resistance performance.

Typical Physical Properties

Product Name	LA 150 Lid Attach Adhesive
PROPERTIES OF UNCURED MATERIAL	
Appearance	Black
Resin Type	Epoxy
Specific Gravity (ASTM D 1475-60)	1.1 – 1.5 g/cc
Viscosity (Brookfield, 0.5 rpm)	450 – 1000 cp
PROPERTIES OF CURED MATERIAL	
Glass Transition Temperature (Tg) (ASTM D3418-82)	0 °C
Tensile Strength (MPa)	6.8
C.T. E (ASTM E 831), PPM /°C	68

Young's modulus (MPa)	1 – 2
Extractable ions (MIL-STD-883E)	
Na+	<5ppm
K+	<5ppm
F-	<5ppm
Cl-	<10ppm

Recommended Curing Conditions

60 minutes at 150°C

Storage & Shelf Life

6 months provided materials are kept in a sealed original container at –40 °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

LA 150 is a friendly, non-toxic material. However, general hygiene practice is recommended when handling this material. For detailed information, please consult the product SDS.

Package

LA 150 solder adhesives are available in 10cc and 30cc. Other packages are available depending upon customer's request. Contact YINCAE for order information.