



## TECHNICAL DATA SHEET

# PVIC<sup>®</sup> ANE54807M2

## REMOVABLE NONCONDUCTIVE ADHESIVE

### Description

PVIC<sup>®</sup> ANE54807M2 removable adhesive is designed for Silicon Processing application. It has been formulated for use in processes which adhesives must be removed after some processes. This high purity adhesive should be cured in room temperature or conventional hot plates per the recommended cure condition. This adhesive contains the finer filler size below 15  $\mu$  m than ANE54807M1 with about 100  $\mu$  m

### Application

SILICON INGOT SAWING

### Features

Two components

Excellent adhesive strength(better than ANE54807M1)

Apply a uniformity layer of the adhesive to the slicing beam (Filler size : 15 $\mu$  m)

Easy to remove adhesives and no residue after removing

Flexible curing condition (Room Temperature to 80°C)

---

|                                |   |
|--------------------------------|---|
| Resin                          | Epoxy   |
| Mixing ratio                   | 1:1   |
| Gel Time                       | Within 15min. at Room Temperature   |
| Cure Condition                 | At 80°C for 10min<br>At Room Temperature for 3hr<br>(Adjustable according to customer's request.) |
| Remove Condition               | 60 min. in a 70°C hot water   |
| Estimated Storage life at R.T. | 1 year  |

## Properties

---

| TEST ITEMS   | STANDARD               | Remark    |
|--|------------------------|-----------|
| Viscosity @ 25°C of Resin  | 30,000 cps @ 5.0 rpm   | BHS-K-108 |
| Viscosity @ 25°C of Hardener   | 30,000 cps @ 5.0 rpm   | BHS-K-108 |
| Viscosity @ 25°C after Mixing  | 25,000 cps @ 5.0 rpm   | BHS-K-108 |
| Die shear Strength (on slide glass)<br>@ RT (50×50mil <sup>2</sup> ) | 300 kg/cm <sup>2</sup> | BHS-K-109 |
| Shore D Hardness @ RT  | 75                     |           |

---

## Instruction

### Usage

Mix 1 parts of ANE54807M2A and 1 parts of ANE54807M2B. Stir mixed ANE54807M2 until 2 components are thoroughly mixed.

### Storage

Adhesive should be stored at room temperature. The shelf life of the material is only valid when the material has been stored at the correct storage condition.

### Availability

PVIC adhesives are packaged in syringes or pots per customer specification. For the details, please contact our Customer Service or sales department.

The figures shown above are typical values only. If you need to generate a specification, please request our Standard Release

---

### **PROTAVIC KOREA CO., LTD.**

1675-1, the 4<sup>th</sup> ind. Shinil-Dong, Daeduk-gu, Daejeon, Korea  
Website: [www.protavic.co.kr](http://www.protavic.co.kr)

A Subsidiary of PROTEX-INTERNATIONAL Group  
Tel:82-42-933-5590/2, 5596 Fax:82-42-933-5594