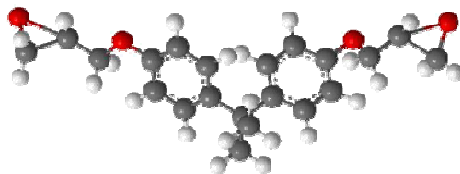


# EPORITE



## ***EPORITE 2095***

### **GENERAL**

EPORITE 2095 is a one-component epoxy adhesive recommended especially for adhesion on various electronic parts.

The cured EPORITE 2095 exhibits excellent physical properties and heat stability.

### **STORAGE**

Seal the containers tightly & store at temperature lower than 5°C but not less than -10°C. Unfreeze at room temperature at least 2 ~ 4 hour before using.

### **HANDLING AND SAFETY**

Gloves and glasses are suggested for user's personal protection. Clean with soap and water when skin contact.

### **PROCESSING**

1. Unfreeze at room temperature at least 2 ~ 4 hour before using.
2. Apply EPORITE 2095 on the adhesion surface.
3. Attach two parts and cure at temperature 130°C/2 hr or 150°C/1 hr.

NOTE: The process can be adjusted according to the specific manufacturing process or performance requirement.

### **SPECIFICATION**

| Specification    | EPORITE 2095                |
|------------------|-----------------------------|
| Chemical Type    | Epoxy Compound              |
| Appearance       | Gray Paste                  |
| Specific Gravity | 1.5 ± 0.1                   |
| Viscosity (25°C) | 350000 ± 87500 cps          |
| Shelf Life (5°C) | 3 months                    |
| Gel Time (120°C) | 27 min/0.2 g (thin coating) |
| Curing Condition | 130°C/2 hr or 150°C/1 hr    |

### **PROPERTIES OF THE CURED RESIN**

| Property                                        | EPORITE 2095                                                                         |
|-------------------------------------------------|--------------------------------------------------------------------------------------|
| Hardness (Shore D)                              | 85 ~ 95                                                                              |
| Glass Transition Temperature (°C)               | 130 ~ 150                                                                            |
| Coefficient of Thermal Expansion (mm/mm/°C)     | ( $\alpha_1$ ) 50 ~ 70×10 <sup>-6</sup><br>( $\alpha_2$ ) 150 ~ 210×10 <sup>-6</sup> |
| Moisture Contain (wt %)                         | < 0.3                                                                                |
| Adhesive Strength (Al-Al) (kg/cm <sup>2</sup> ) | > 70                                                                                 |

### **REMARK**

The information contained is believed to be reliable and only for the reference without any effective guarantee for the application of the user. The user is responsible to determine the suitability for the user's application and the reliability of the products. Epolab Chemical will not accept claim of warranties of the fitness or reliability for a particular purpose especially the liability for consequential damages of end products.



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