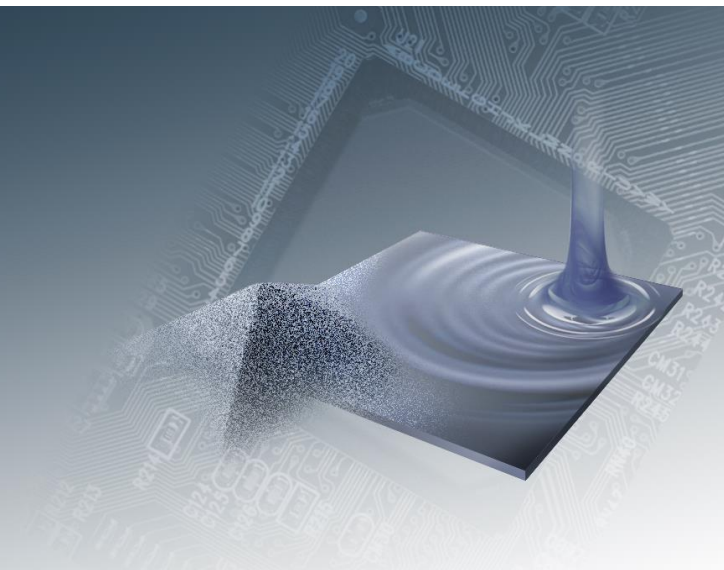


## Data Sheet

### Liquid Encapsulation Materials

#### CV5314 series



Sep. 2020 No.200929-5

Partnering to go beyond.

**Electronic Materials**  
Panasonic Corporation

# Specification

Liquid encapsulant materials

## CV5314DP

### TECHNICAL INFORMATION

This is one component epoxy for corner glue of BGA.

### TYPICAL PROPERTIES

Properties	Unit	Data	Test Method
Viscosity(25degC)	Pa*s	80	KES 0171
Thixo,index	-	4.50	KES 0170

### RECOMMED CURE CONDITIONS

120degC/5min

### TYPICAL CURED PROPERTIES

**Cure Conditions : 120degC 60 minutes**

Properties	Unit	Data	Test Method
Glass Trans. Temp.	degC	40	KES-2015
C.T.E.	$\times 10^{-5}/\text{degC}$	7.0	KES 0008
Flexural Modulus	GPa	2.5	KES 0125
Volume Resistivity	ohm·cm	$1 \times 10^{15}$	KES 0121

### ATTENTION TO STORAGE

#Stored compound must be thawed before use. Warm at room temperature until no longer cool to touch (about 1-2hrs).

#Please use up the material within 24 hrs.

#Compound must be stored in the cool condition with sealing.  
(store under 10degC in refrigerator)

#Please keep material under 10degC after receiving product.

\* The data in the above table are not guaranteed values.

### ATTENTION TO HANDLING

#Please avoid direct contact with this product by wearing gloves, protecting gears,etc.

#Prevent frequent skin contact. If contact occurs, wash immediately with soap and water.

## ++ Before purchase ++

### 【Notes before you use】

- Please verify the suitability and fitness for intended application by quality testing, evaluation or other means at your own option before any adoption, use or change of use conditions of a product listed in the datasheet.
- We would like to have a delivery specifications mutually agreed for the product that you have decided to use. The agreements defined in the delivery specifications are assigned higher priority.
- Please note that specifications and external design are subject to change for product improvement without notice.
- For details on products in the datasheet, please contact your distributor or our sales department.

### 【Safety Information】

- Before using the product, please read the delivery specifications carefully or contact the distributor from which you purchased the product or our sales department in order to use the product correctly.
- The products in the datasheet are Semiconductor encapsulation materials for electronic and electrical devices. Please do not use them for other than specified use.

### Please Contact us of more

#### 【Plant &

#### Technical Marketing】

- Japan (Mie)  
TEL: 81-59-346-1131
- USA (Mountain View)  
TEL: 1-408-861-3946
- Austria (Enns)  
TEL: 43-7223-883
- China (Shanghai)  
TEL: 86-21-3855-2332
- Thailand (Ayutthaya)  
TEL: 66-3533-0846

#### 【Sales Offices】

- China (Shanghai) TEL: 86-21-3855-2332
- Singapore TEL: 65-6241-6754
- Philippines (Makati) TEL: 63-632-886-6291 to 94
- Korea (Seoul) TEL: 82-2-361-7873
- Taiwan (Hsin Chu) TEL: 886-3-598-3201
- Thailand (Ayutthaya) TEL: 66-3533-0846
- Austria (Enns) TEL: 43-7223-883
- USA (Mountain view) TEL: 1-408-861-3946
- Japan (Tokyo) TEL: 81-6-6904-2771

Panasonic Corporation  
Industrial Solutions Company  
Electronic Materials Business Division  
Head Office: 1006 Kadoma, Kadoma City, Osaka 571-8506  
TEL: 81-6-6908-1101

[industrial.panasonic.com/ww/electronic-materials](http://industrial.panasonic.com/ww/electronic-materials)

U.S. Sales office Web site  
<https://na.industrial.panasonic.com/products/electronic-materials>