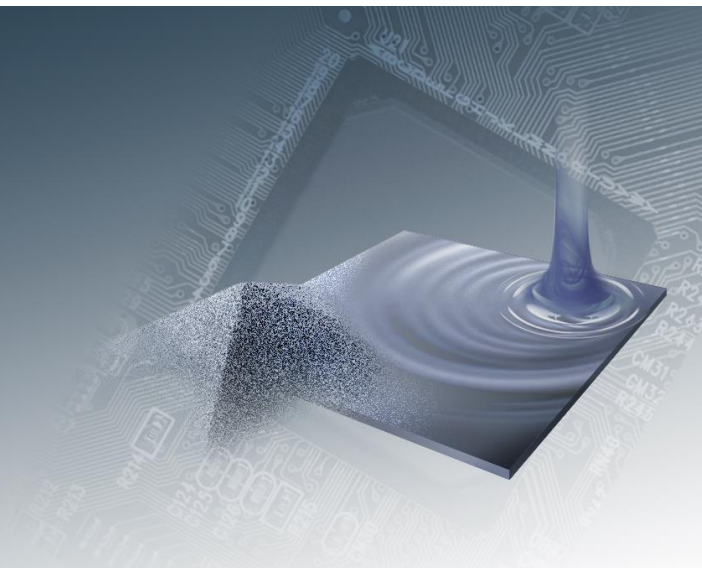


## Data Sheet

### Liquid Encapsulation Materials

#### CV5797 series



Mar. 2021 No.210305-1

Partnering to go beyond.

**Electronic Materials**  
Panasonic Corporation

# Specification

Liquid encapsulant materials

## CV5797U

TECHNICAL INFORMATION

High heat resistance Secondary mounting Sidefill materials.

### Features CV5797U(Key Benefits)

- Industry's highest level high glass transition temperature(Tg) / low coefficient of linear expansion (CTE)
- Excellent TCT performance equivalent to UF
- TCT performance can be improved even for PKGs of 20 mm square or larger
- Pot life is as long and easy to handle
- Does not contain REACH SVHC candidate substances

Grade	CV5797U
Use	Sidefill
Filler contents	~82%
Filler size max/ave.	74μm/24μm
Viscosity	180Pa·s
Thixotrophy	3.5
Tg	160degC
CTE	14ppm
Modulus@25degC	18GPa
Thermal conductivity	-
Storage	-20degC / 6months
Potlife@25degC	3days
Cure condition	125°C 30min or140°C 15min

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

## ++ 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 &

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- Philippines (Makati) TEL: 63-632-886-6291 to 94
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