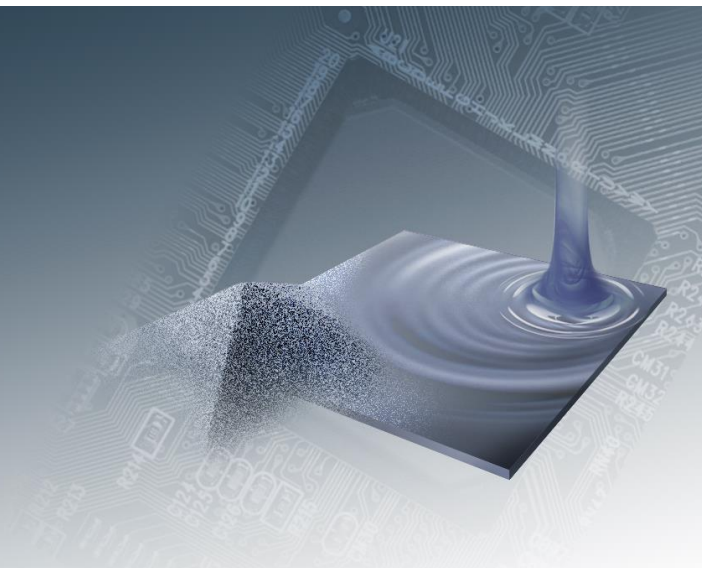


Data Sheet

Liquid Encapsulation Materials

CV5794 series



Sep. 2020 No.200929-1

Partnering to go beyond.

Electronic Materials
Panasonic Corporation

Specification

Liquid encapsulant materials

CV5794L

TECHNICAL INFORMATION

High heat resistance Secondary mounting Underfill materials.

Features(Key Benefits)

- Industry's highest level high glass transition temperature(Tg) / low coefficient of linear expansion (CTE)
- Excellent TCT performance
- Compatible with PKG of 20 mm square or more
- Pot life is as long and easy to handle
- Does not contain REACH SVHC candidate substances
- Compliant with NASA's recommended outgas standard for organic materials for space ASTM E595

Grade	CV5794L
Use	UF
Filler contents	~68%
Filler size max/ave.	10μm/4μm
Viscosity	8Pa·s
Thixotrophy	1.0
Tg	160degC
CTE	23ppm
Modulus @25degC	13GPa
Thermal conductivity	0.7W/m·k
Storage	-20degC / 6months
Potlife@25degC	3days
Cure condition	110°C 50min

* 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

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TEL: 1-408-861-3946
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【Sales Offices】

- China (Shanghai) TEL: 86-21-3855-2332
- Singapore TEL: 65-6241-6754
- Philippines (Makati) TEL: 63-632-886-6291 to 94
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U.S. Sales office Web site
<https://na.industrial.panasonic.com/products/electronic-materials>