

JB511-24 is one component epoxy resin with halogen free. It is one of special glue especially designed for surface mount device. Particularly suited where very fast cure is required on high speed SMT lines. According to the demand of which social effects of pollution, it is designed for use in Pb-Free soldering which require high temperature.

## High Temp. cure for SMT printing in lead-free process

### Specifications-----JB511-24(Halogen Free)

Chemical Type	One Part Epoxy
Color	Red
Viscosity , cps	36,000~54,000(S70/20rpm) 200,000~300,000(S70/2rpm)
Specific Gravity (20/20°C)	1.15
Thixotropic Index	5.6

### Curing Condition

Curing Time	100°C/10mins
Pot Life	5~7 days

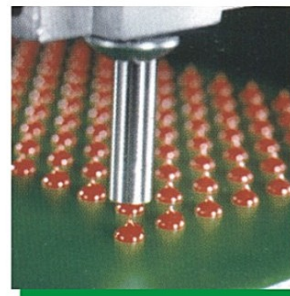
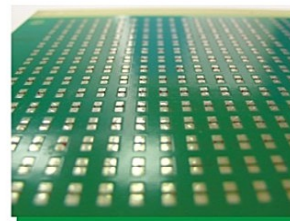
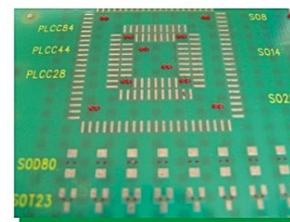
### Properties

Hardness	Shore D 84
Water Absorption(25°C/24hr),%	0.89
Tg, °C	88
Thermal Conductivity , W/mK	0.3

High Temp. cure for SMT medium-speed dispensing in lead-free process

## JC711-5

JC711-5 is a fast thermosetting cured epoxy adhesive which used for surface mount device, especially for kinds of syringe dot device. According to the demand of which social effects of pollution, it is designed for use in Pb-Free soldering which require high temperature.



Low Temp. Cure for SMT high speed dispensing in lead-free process

## JC812-2( Halogen Free)

- Solvent-free, non-corrosive, low odor and pollution.
- High thixotropic properties and non slump.
- The hardening surface will not exhibit a oiliness surface.
- Dispensing 35,000 dot/hr.

Specifications	JB511-24	JC711-5	JC812-2
Chemical Type	One Part Epoxy	One Part Epoxy	One Part Epoxy
Color	Red	Red	Red
Viscosity , cps	36,000~54,000(S70/20rpm) 200,000~300,000(S70/2rpm)	628,000(S14/5rpm) 5,320,000(S14/0.5rpm)	190,000~300,000(S14/3rpm) 1,505,000~2,258,000(S14/0.3rpm)
Specific Gravity (20/20℃)	1.15	1.22	1.22
Thixotropic Index	5.6	8.4	7.5~7.9

### Curing Condition

Curing Time	100℃/10mins	150℃/90mins	90℃/3mins
Pot Life	5~7days	7days	2days

### Properties

Hardness Shore D	Shore D 84	Shore D 85	Shore D 73
Water Absorption (25℃/24hr), %	0.89	0.25	0.38
Tg, °C	88	128	28
Thermal Conductivity , W/mK	0.3	0.3	0.3

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