



20-3213

EPOXY ENCAPSULATING RESIN

DESCRIPTION:

20-3213 is a one component insulating epoxy. It is low in viscosity (3,000cps) and suitable for electronic applications requiring high dielectric properties. This system does not contain volatile organic compounds (VOC's) and is designed for encapsulating, coating, and impregnating applications. It can also be used as an underfill encapsulant or electronic insulating adhesive.

TYPICAL SPECIFICATIONS:

Color	Amber or Black
Viscosity, 25°C, cps	3,000
Specific Gravity, 25°C	1.13
Gel Time @ 120°C	30 minutes
Hardness, Shore D	85
Glass Transition Temperature, °C	80
Tensile Strength, Mpa	41.4
Dielectric Strength, V/mil	480
Dielectric Constant, 1kHz	3.4
Dissipation Factor, 1 kHz	0.22
Thermal Conductivity, W/m- °K	0.1

INSTRUCTIONS FOR USE:

Dispense 20-3213 on to the parts and cure according to one of the following schedules:

Cure Time @ 120°C	2 hours
Cure Time @ 104°C	5 hours
Cure Time @ 93°C	8 hours

Shelf Life and Storage:

The 20-3213 has a six month shelf life at 25°C (77°F) and 12 months at 2°C (35°F).

IMPORTANT:

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