



## 20-3236

# ELASTOMER MODIFIED EPOXY FOR VINYL ADHESION

### DESCRIPTION:

20-3236 Resin is a low viscosity copolymer adhesive and potting compound specifically designed for bonding vinyls and neoprenes. 20-3236 Resin has an extended working time and a convenient 2:1 mix ratio.

20-3236 Resin can be used in many difficult bonding applications. It is also used for the encapsulation of vinyl insulated electrical components or sealing vinyl lead wires.

### FEATURES:

- \* Bonds to vinyls and neoprenes
- \* Low viscosity
- \* Long working time
- \* High peel strength

### TYPICAL SPECIFICATIONS:

Color	Amber
Viscosity, mixed, 25°C, cps	3,000
Specific gravity, 25°C/25°C	
Catalyzed	1.07
Pot life, 100 gram mass, 25°C	5 hours
Hardness, shore D	80
Tensile strength, PSI	8,300
Tensile elongation at break, %	6.4
Izod impact, ft-lb./in. notch	.55
Water absorption, after 24 hours	0.21
Weight loss, after 24 hours @ 150°C	0.64
Dielectric constant, @ 10 <sup>6</sup> Hertz	3.57
Dissipation factor, @ 10 <sup>6</sup> Hertz	.0021
Volume resistivity, ohm-cm, @ 25°C	9.0 x 10 <sup>16</sup>
Operating temperature range, °C	55 to +120                      *over

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### **INSTRUCTIONS FOR USE:**

- 1) Surfaces to be bonded should be clean and free of oil, grease, scale, mold release, and loose foreign matter. Vinyl surfaces should be cleaned by wiping with clean cloth saturated with methyl ethyl ketone.
- 2) By weight thoroughly mix 2 parts 20-3236 Resin to 1 part 20-3236 Catalyst.
- 3) Pour and cure according to one of the following cure schedules:

a) 25°C	24-36 hours
b) 45°C	6-8 hours
c) 65°C	2-3 hours

### **STORAGE:**

20-3236 Resin should be stored at 50±10°F. The viscosity of 20-3236 Resin can increase at temperatures above 60°F. Shelf life is 6 months in tightly sealed container.

### **IMPORTANT:**

The information in this brochure is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof or that any such use will not infringe any patent. This information is furnished upon the condition that the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose.

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