

20-3237

CLEAR FLEXIBLE EPOXY

DESCRIPTION:

20-3237 is a new 1:1 ratio, low viscosity *Epoxy Rubber* System designed for potting delicate electronic components requiring inspection. 20-3237 is an ideal candidate for applications requiring testing and/or repairs of embedded components. Cured material can be cut away to replace components and then repotted with fresh material.

20-3237 has low stress and shrinkage during polymerization. Its outstanding electrical properties, thermal shock and impact resistance make this system a good choice for many potting, bonding, and encapsulating applications.

FEATURES:

- Flexible
- Excellent impact resistance
- Low viscosity
- Excellent thermal shock resistance

TYPICAL SPECIFICATIONS:

Viscosity, 25°C, cps	
Resin	8,500
Catalyst	75
Mix Ratio, (Resin:Catalyst)	
By Weight	1:1
By Volume	1:1
Color	Clear and Black
Hardness, Shore A, 25°C	80
Operating Temperature Range, °C	-50 to +100
Pot Life, 100 grams, 25°C	8 hours
Specific Gravity, 25°C	
Resin	1.15
Catalyst	1.00
Tensile strength, psi	875
Elongation, %	165
Water absorption, %, 24 hours, 25°C	0.9
Impact resistance, Izod ft. lb./in notch	2.0



Dielectric strength, V/mil	420
Dielectric constant, 60 Hz	3.4
Dissipation factor, 60 Hz	0.02
Volume resistivity, ohm-cm	1.0×10^{13}

INSTRUCTIONS FOR USE:

1. By weight or volume thoroughly mix equal parts resin to catalyst.
2. Pour and follow one of the following cure schedules:
 - a) 25°C 24-36 Hours
 - b) 60°C 12 Hours
 - c) 90°C 2-4 Hours

STORAGE, HANDLING & SAFETY:

Store both components at 25 °C in original containers. The expected shelf life is 12 months in original containers.

Please read the Safety Data Sheet before using this or any other chemical.

AVAILABILITY:

20-3237 is available in quart, gallon, and 5-gallon containers.

IMPORTANT:

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