

EPOXY 1003



GENERAL DESCRIPTION :

Two component low viscosity liquid epoxy , has good chemical-resistant, superior electric-insulation characteristics, and thermal stability, and good flow.

IMPORTANT USE :

End filling capacitors; encapsulating coil; transformers; and electronic part.

ADVANTAGE :

- low viscosity, good flow.
- Room temperature cure, or very fast heat cure.
- Shelf life over one year for separate component.
- Low stress on encapsulated part.
- Low exothermic system are available.



TECHNICAL DATA :

- Colour : Red or Black
- Curing time 25 °C - 100 gm. : 1 hr.
- Working life 25 °C - 100 gm. : 30 mins.
- Specific Gravity (g/cm³) : Part A : 1.25
Part B : 1.00
- Viscosity (25 °C) : Part A : 800 cps
Part B : 5000 cps
Mixture : 2500 cps
- Mixing Ratio : A : B = 2 : 1 by wt. Or A : B = 1.6 : 1 by vol
- Physical Properties
 - Bond strength (Mild steel to mild steel) 185 Kg/cm²
 - Flexural strength 700 Kg/cm²
- Electrical properties
 - Break down voltage 9 Kv/mm
 - Volume resistant 25 °C 1 x 10¹⁶OHM-CM
- Chemical resistance
 - Excellent against distilled water, dilute mineral acids, alkali, salt water, detergents etc.

The information given in this leaflet is based on our careful test and working experience. We hope that it will give you a useful guide, but we can give no guarantee of success for your work, since the condition of use are beyond our control.



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