



## TECHNICAL DATA SHEET

### Epoxy 5224

#### General Description

Two-component low viscosity liquid epoxy has good chemical- resistant, superior electric- insulation characteristics, 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 systems are available.



#### Technical Data :

Color	:	Red or Black
Curing time 25°C-100 gm.	:	1 hr.
Working life 25°C-100 gm..	:	30 mins.
Specific Gravity (g/cm <sup>3</sup> )	:	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 Kgf/cm <sup>2</sup>
Flexural strength	:	700 Kgf/cm <sup>2</sup>

#### Electrical properties :

Break down voltage	:	9 KV/mm
Volume resistant (25°C)	:	1 x 10 <sup>6</sup> OHM-cm

#### Chemical resistance :

Excellent against distilled water, dilute mineral acids, alkali, salt water, detergents etc.