

## TYPE

Unmodified Epoxy Resin.

## DESCRIPTION

Epoxy resin based on Bisphenol A and Epichlorohydrine .

## SPECIFICATIONS

- 1) Appearance : Water Clear Liquid
- 2) Density @ 25° C. : 1.07 - 1.12
- 3) Viscosity @ 25° C C<sub>p</sub>S : 11000-14000
- 4) Colour (Gardner) : 1 max.
- 5) Epoxide Value : 5.15 -5.40  
(mg.koh/gm)

## SOLUBILITY

EPOXY RESIN 100 is soluble in alcohols, esters, ketones, glycol ethers and aromatic hydrocarbons, and is insoluble in aliphatic hydrocarbons and water.

## COMPATIBILITY

EPOXY RESIN100 is compatible with reactive diluents, plastisizers, and other modified epoxy resins. It can be cured with amine, anhydride, polyamide and other hardeners commonly used with epoxy resins.

## APPLICATIONS

EPOXY RESIN100 finds applications in castings, encapsulations, floorings, potting, adhesives, laminating, reinforced plastics, filament windings, coatings & electrotechnical requirements. EPOXY RESIN100 is used in room temperature curing and heat curing systems for casting, potting, encapsulation of electrical and electronic components such as magnet coil, high voltage coils in the construction of transformers, instrument transformers, slip rings, solenoid coils, capacitors, switchgear components, high voltage insulators, electronic circuits, etc.

## PACKAGING

235 kg. M.S. Drum.

## SHELF LIFE & STORAGE

EPOXY RESIN100 has a shelf life of 24 months from date of manufacture when kept at a temperature between 5°C to 45°C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

## QUALITY ASSURANCE

AMBICA SPECIALITY CHEMICALS is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2015.

## HEALTH & SAFETY

EPOXY RESIN100 is no-toxic and non-flammable. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. Full health and safety data are given in Product Safety Data Sheet.