

Product Data Sheet

EPOXY RESIN SM828

EPOXY RESIN SM828 is an undiluted clear difunctional bisphenolA/epichlorohydrin derived liquid epoxy resin. EPOXY RESIN SM828 is the most widely used general purpose liquid epoxy resin. It is recognized as the standard from which many variations have been developed.

Typical Applications:

- Adhesives •Casting and Tooling •Civil Engineering
- Composites •Marine and Protective Coatings
- Can and Coil Coatings •Automotive Coatings
- Photocure Industrial Coatings •Potting and Encapsulation

Typical Properties:

| ITEM | STANDARD DATA |
|--|--------------------|
| Appearance | Transparent Liquid |
| Volatile Content \leq % | 0.18 |
| Epoxy Equivalent g/eq | 184-194 |
| Color (APHA) \leq | 50 |
| Viscosity mPa.s/25°C | 11500-15000 |
| Hydrolyzable Chloride Content \leq ppm | 500 |
| Inorganic Chlorine content \leq ppm | 5 |
| Specific gravity 25°C (g/ml) | 1.16 |
| Shelf Life (Months) | 12 |

Packing: This Liquid epoxy resin is supplied in bulk or in 220 kg tight-head drums. should be stored in dry conditions away from sources of heat, preferably in the original containers kept tightly closed. Under these conditions and at normal temperatures the storage life should be at least two years.