

N.E.R 128

Description:

N.E.R. 128 liquid epoxy resin is a reaction product of epichlorohydrin and bisphenol-A.

N.E.R. 128 Epoxy resin is a general purpose, widely used liquid epoxy resin. It is recognized as a standard from which many variations have been developed. A wide variety of curing agents is available to cure liquid epoxy resins at ambient conditions. The most frequently used are aliphatic polyamines, polyamides, amidoamines, cycloaliphatic amines and modified versions of these curing agents. These systems are sometimes cured at an elevated temperature to improve selected properties such as chemical resistance and glass transition temperature.

Properties	
Epoxy Equivalent Weight, (g/eq)	182 - 192
Epoxide group Content, (m mol/kg)	5200 - 5500
Viscosity @ 25°C (77°F), (mPa.s)	11000 - 14000
Color, Platinum Cobalt	75 Max
Hydrolyzable Chloride Content, (ppm)	500 Max
Epichlorohydrin Content, (ppm)	5 Max
Density @ 25°C (77°F), (g/ml)	1.16
Flash point, °C (°F)	252 (486)
Non-volatile Content, (wt%)	100
Shelf Life, (Months)	24

Typical Applications This product is suitable for use in applications such as:

- Flooring
- Paints
- Adhesives
- Casting and Tooling
- Civil Engineering and construction industry
- Composites
- Automotive Coatings
- Can Coating
- Coil Coating
- Marine & Protective Coatings
- Photocure Industrial Coatings
- Potting and Encapsulation
- Stabilizer in PVC

Health and Safety

Please dispose off containers of the materials as per local laws, rules and regulations. Usage of gloves, safety masks and other safety apparel as per health and safety laws should be done.