

# NAN YA EPOXY RESIN

## NPEL-128

### General:

NPEL-128 is a liquid resin which is manufactured from bisphenol-A and epichlorohydrin. It is recognized as standard form which variations have been developed.

Cured NPEL-128 always offers quality and high purity properties in applications such as maximum mechanical strength, good chemical resistance and excellent heat resistance etc.

### Chemical Composition:

Diglycidyl ether of Bisphenol-A

### Sale Specification & Typical Properties:

Physical State	Liquid
Epoxy Equivalent Weight (g/eq)	184 - 190
Color (Gardner)	1.0max
Flash Point ( )	150
Viscosity(cps at 25 )	12000 - 15000
Hydrolyzable chlorine (ppm)	1000
Density (g/cm <sup>3</sup> 25 )	1.16

### Viscosity vs. Temperature Characteristics:

#### Application:

- Laminates
- Filament winding
- Encapsulation
- Civil engineering
- Tooling
- Coatings
- Adhesives

#### Storage properties:

At least 12 months in sealed containers at ambient temperature.

If NPEL-128 develops a haziness or crystallite on storage This can be dispersed and the resin restored to original condition by warming to 50 60 ,with stirring

**Handing precautions:**

Product may cause skin and eye irritation . In cases of skin contact wash immediately with soap and water. For eyes, flush with plenty of water for 15 minutes and seek medical attention immediately.

**Packing:**

220 kg iron drum.