

# 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.

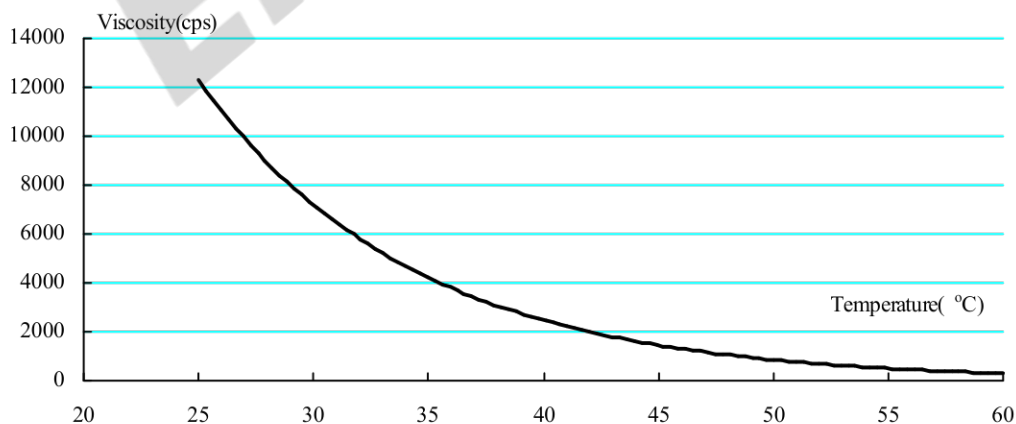
### Chemical Composition:

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 (°C)	150 ↑
Viscosity(cps, at 25 °C)	12000~15000
Hydrolyzable chlorine (ppm)	1000 ↓
Density (g/cm <sup>3</sup> 25°C)	1.16

### Viscosity vs... Temperature Characteristics:



## **Application:**

1. Laminates
2. Filament winding
3. Encapsulation
4. Civil engineering
5. Tooling
6. Coatings
7. 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°C, 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.