

# NAN YA EPOXY RESIN

## NPEL-127

**General:**

NPEL-127 is an undiluted resin with a lower viscosity than NPEL-128 but providing similar properties after cure. Cured with polyamine or polyamide, it offers quality and high purity properties in applications, such as maximum mechanical strength, good chemical resistance and excellent heat resistance, etc.

Under sealed storage conditions NPEL-127 is not easy to crystallize than NPEL-127E, but diluting with BGE may cause crystallization.

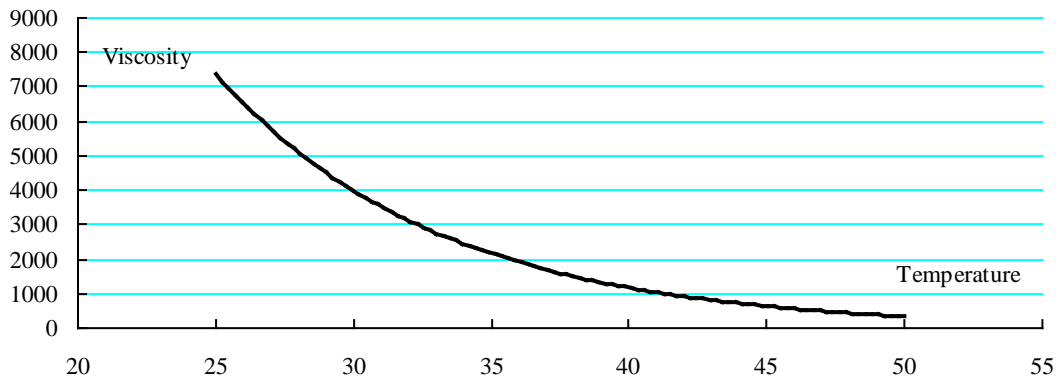
**Chemical Composition:**

Diglycidyl ether of Bisphenol-A

**Sale Specification & Typical Properties:**

Physical State	Liquid
Epoxy Equivalent Weight (g/eq)	176~184
Color (Gardner)	1.0max
Flash Point (°C)	150 ↑
Viscosity(cps , at 25 °C)	8000~11000
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. Adhesives

**Storage properties:**

At least 12 months in sealed containers at ambient temperature.

If NPEL-127 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.