

NAN YA EPOXY RESIN

NPPN-631

General:

NPPN-631 has lower viscosity than NPPN-638, has two advantageous properties, heat resist and reactivity due to multi-functional epoxy group. Comparing with BPA-based epoxides which have two epoxides per molecule, NPPN-631 has an average of 2.5 epoxy groups per molecule. NPPN-631 provides tightly cross-linked cured systems having better elevated temperature performance, chemical resistance and adhesion than the BPA-based resins.

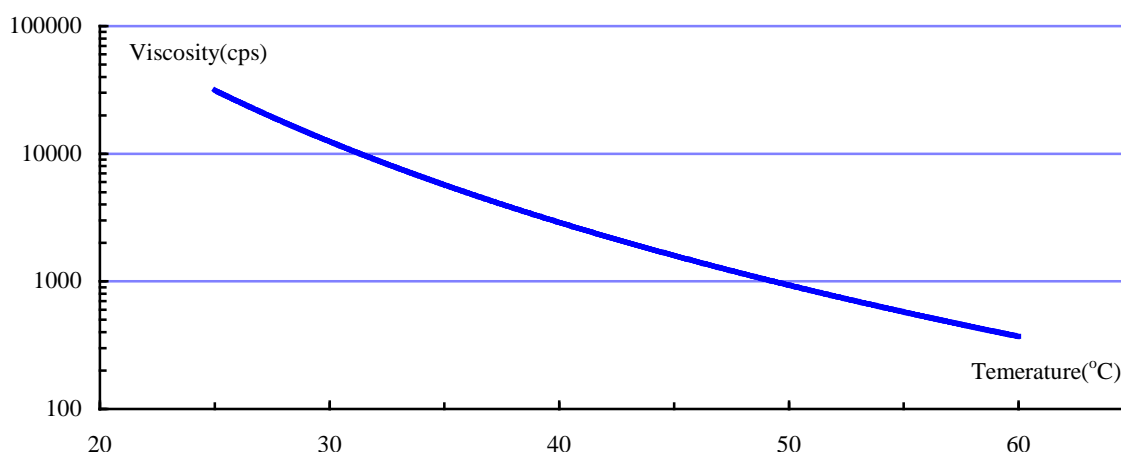
Chemical Composition:

Phenol novolac Epoxy resin.

Sale Specification & Typical Properties:

| | |
|-------------------------------------|-----------|
| Physical State | Liquid |
| Epoxy Equivalent Weight (g/eq) | 168~178 |
| Color (Gardner) | 2.0 max |
| Flash point (°C) | 250 ↑ |
| Solution viscosity (cps,at 52 °C)* | 1100~1700 |
| Density (g/cm ³ 25°C) | 1.16 |

Viscosity vs. Temperature Characteristics:



Application:

1. Laminates.
2. Civil engineering.
3. Filament winding.
4. Composite

Storage properties:

At least 12 months in sealed containers at ambient temperature.

Handling 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.