

# NAN YA EPOXY RESIN

Data sheet No:631-1706E

## 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 2.7 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.

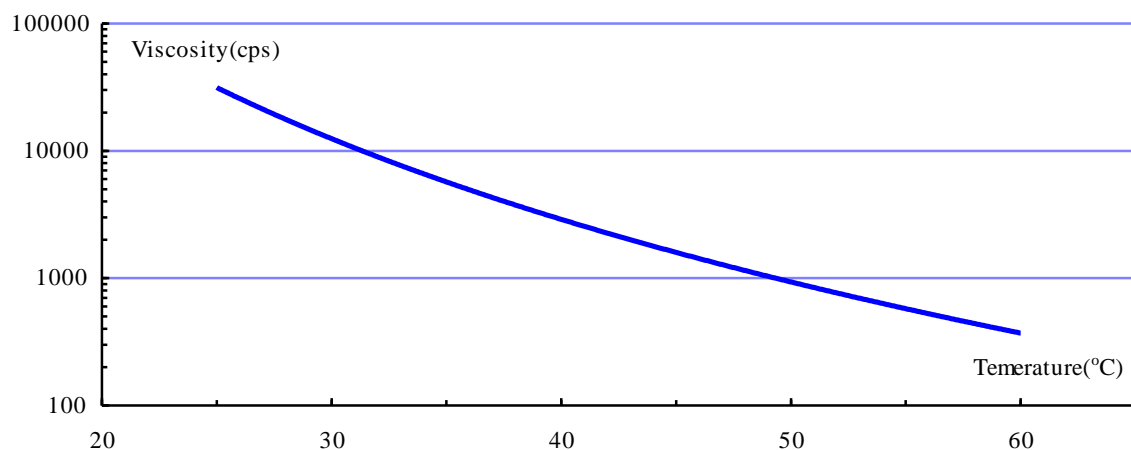
### Chemical Composition:

Phenolic novolac epoxy resin.

### Sale Specification & Typical Properties:

Physical State	Viscous Liquid
Epoxy Equivalent Weight (g/eq)	168~178
Color (Gardner)	1.0 max
Viscosity ( cps,at 52 °C)	1100~1700

### Viscosity vs. Temperature Characteristics:



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## **Application:**

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

## **Storage properties:**

At least 12 months in sealed containers at ambient temperature.  
The resin should be stored in a dry place in its original closed packaging.

## **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.