

# NAN YA EPOXY RESIN

Data sheet No:701-0509E

## NPCN -701

### General:

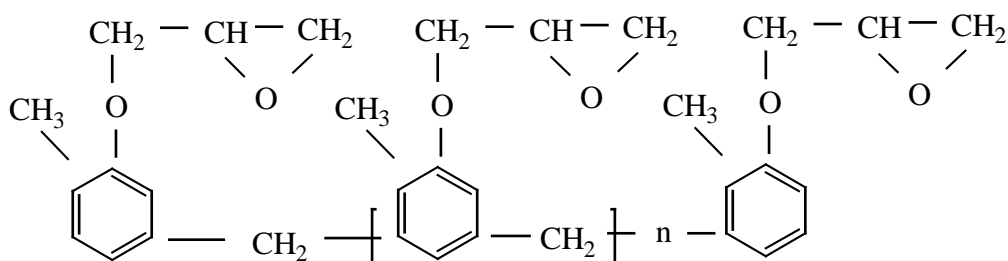
NPCN-701 is derived from o-cresol novolak and has characteristics of high heat and chemical resistance. This type epoxy has superior properties when used for molding compound for electronics, heat resistant for laminates, coating for chemical resistance. Because the molecular weight of NPCN-701 is low, it shows excellent flowability, and NPCN-701 has multi-functional epoxides in one molecular, after fully cured which gives high cross-linking density and displays excellent properties of heat resistance, chemical resistance, adhesion, and so on.

NPCN-701 could be cured by polyamine, carboxylic functional resin, phenolic resin, novolak resin, anhydride derivatives etc.

### Chemical Composition:

O-Cresol Novolak Epoxy Resin

### Structural formula of NPCN Series



### Sale Specification & Typical Properties:

Physical State	Solid
Epoxy Equivalent Weight (g/eq)	190~215
Softening point (°C)	62~66
Hydrolysis Chlorine(ppm)	500 max
ICI Viscosity (cps/150°C)	250~400
Color (Gardner)	3 max
Density(25°C)	1.1
Appearance	Granule

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## Application:

1. Molding compound.
2. Laminates.
3. Adhension.
4. Powder coating.
5. PC ink.
6. Composites.

## Storage:

At least 12 months in sealed containers at ambient temperature.

## 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:

20kg per Paper bag.