

NAN YA EPOXY RESIN

Data sheet No:128-2402E-V1

NPEL-128

General:

NPEL-128 is a high purity BPA type liquid epoxy 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.

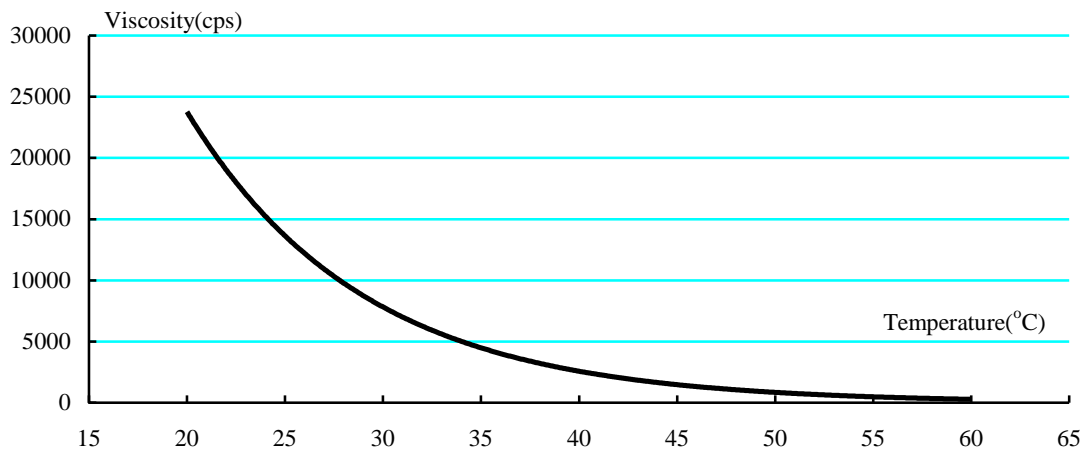
Chemical Composition:

Diglycidyl ether of Bisphenol-A

Sale Specification & Typical Properties:

Item	Quality	Unit	Range
1	Physical State	—	Liquid
2	Epoxy Equivalent Weight	g/eq	184~190
3	Hydrolyzable chlorine	ppm	1000↓
4	Color	Gardner	0.0~1.0
5	Viscosity	cps/25°C	12000 ~ 15000

Viscosity vs. Temperature Characteristics:



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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.