

NAN YA EPOXY RESIN

Data sheet No:127-202009E-V1

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.

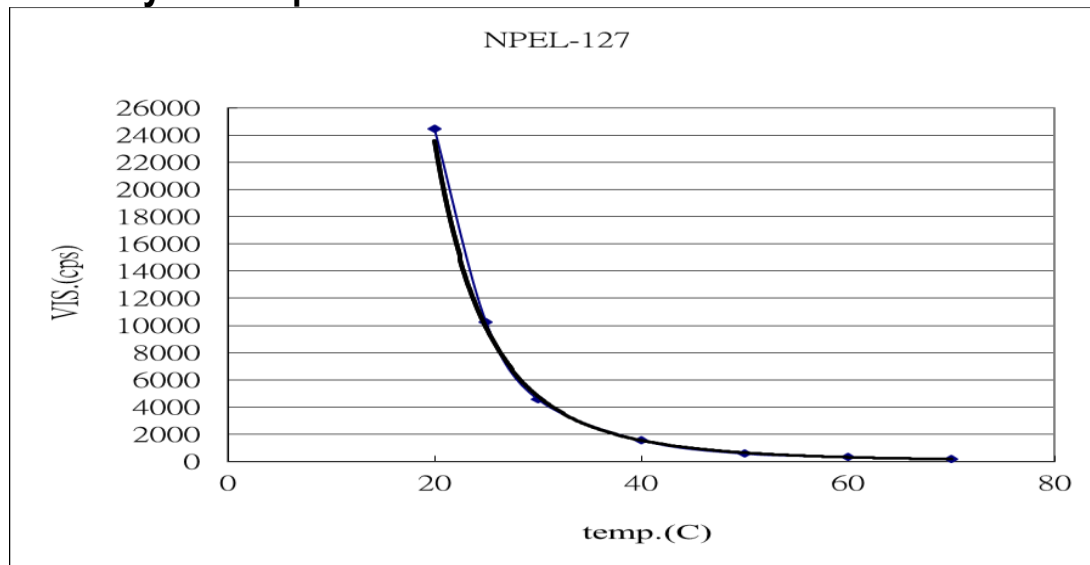
Chemical Composition:

Diglycidyl ether of Bisphenol-A

Sale Specification & Typical Properties:

Item	Quality	Unit	Range
1	Physical State	—	Liquid
2	Epoxy Equivalent Weight	g/eq	176~184
3	Hydrolyzable chlorine	ppm	1000↓
4	Color	Gardner	0.0~1.0
5	Viscosity	cps/25°C	8000 ~ 11000

Viscosity vs. Temperature Characteristics:



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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.