



CheMarCo, Inc  
P.O. Box 27065  
Greenville, SC 29616

(864) 234-6735 Phone  
(864) 234-6975 Fax

# Technical Data Sheet

## LIQUID PHENOL NOVOLAC EPOXY RESIN PNE-177

PNE-177 is a semi-solid polyfunctional epoxy novolac resin. Due to its high molecular weight and multi-epoxy functionality, the cured product will have excellent chemical resistance, superior physical and electrical properties, maximum heat resistance and excellent adhesion. PNE-177 provides improved chemical resistance and better-elevated temperature performance than the standard bisphenol A based resins.

### SPECIFICATIONS

Epoxy Equivalent Weight (EEW)	172-182
Viscosity, Brookfield, cps, 52° C	20,000 - 35,000
Color, Gardner, max.	3
Specific Gravity	1.20-1.24

### APPLICATION

- Castings
- Adhesives
- Chemical resistant tank liners, flooring and grouts
- Structural and Electrical Laminates

### STORAGE

PNE-177 should be stored in dry place away from sources of heat. Under these conditions, the resin has a storage life of at least one-year.

### PACKAGING

- Net 500 pounds in steel drums; total of 72 drums (36,000 pounds) per container.  
**NOTE:** PNE-177-A-80 is a solution version of PNE-177, supplied at 80% solids in Acetone.

### COMPARABLE PRODUCTS\*

Shell	EPON® DPS-155
Dow	D.E.N.® 438

\* Based on Literature data. Products must be evaluated for specific formulation applicability.