



## TECHNICAL DATA SHEET

Product	POLYETHYLENEIMINE
Chemical Name	Ethyleneimine;PEI-1750;PEI-2500;ETHYLENE IMINE POLYMER SOLUTION
CAS	9002-98-6
Chemical Formula	C <sub>2</sub> H <sub>5</sub> N
Molecular Weight	43.07
EINECS Number	618-346-1

Molecular structure



### SPECIFICATION (MW 3000):

ITEM	STANDARD LIMITS
Appearance	Colorless or pale yellow liquid
Assay	30%
Specific gravity(25°C g/cm <sup>3</sup> )	d <sub>425</sub> =1.0385
PH	10-12
Refractive index	1.3785
Kinematic viscosity	30-80
Molecular weight	3000-3500

### Packaging:

25kgs drum.

### Application:

- 1) Used as wet strength agent of non sizing breathable paper, retention agent and beating agent in the process of papermaking, which can reduce the beating degree of pulp. Improve the dewatering capacity of paper. The dryness of the paper is increased by 1% - 4%. The production capacity is increased by 5% - 20%.
- 2) Widely used in the fields of printing ink, coating, adhesive and so on.
- 3) Used in papermaking water treatment, electroplating solution and dispersant.
- 4) Used as epoxy resin reagent, aldehyde adsorbent and dye fixative.

### Shelf Life:

2 years in original packaging containers.