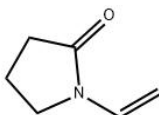




## TECHNICAL DATA SHEET

Product	N-Vinyl-2-pyrrolidone
Chemical Name	1-VINYL-2-PYRROLIDINONE; N-VINYLPYRROLIDONE
CAS	88-12-0
Chemical Formula	C <sub>6</sub> H <sub>9</sub> NO
Molecular Weight	111.14
EINECS Number	201-800-4
Molecular structure	



### SPECIFICATION :

ITEM	STANDARD LIMITS
Appearance@25°C	Colorless or pale yellow Clear liquid
N-Vinylpyrrolidone	≥99.5%
α-Pyrrolidone	≤0.2%
Water	≤0.2%
Densit(g/ml)	1.03-1.04
crystallization point(c)	13.0-14.0
Chroma (APHA )	<100

### Packaging :

25kgs drum, 200L drum, IBC drum or pack as customer requirements.

### Application:

- 1) Widely used in cosmetics, washing products, medicine, photosensitive materials and other fields
- 2) Gel for hair styling, disinfectant in pharmacy, etc
- 3) In radiation medicine, wood flooring industry, paper or paperboard industry, packaging materials and screen ink industry, NVP is used to improve the physical performance of products.

### Storage:

NVP tends to polymerize as storage time and temperature increase. To prevent this undesirable polymerization, small amounts of a stabilizer are added during drumming and prior to shipping bulk quantities. It may assume a yellow color after several months of storage, but its quality will not be impaired.

If a drum of NVP has solidified, it should be melted carefully in a water-bath or warm room at 30°C maximum. The drum should not be heated with steam.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

### Shelf Life:

2 years in original packaging containers.