

**Product Introduction:**

1-Vinyl-2-pyrrolidone (NVP) is an organic compound with the chemical formula  $C_6H_9ON$ . At room temperature, it is a colorless or pale yellow, slightly odorous, transparent liquid that is readily soluble in water and many other organic solvents. It is used in pharmaceutical manufacturing, wood flooring, paper or cardboard manufacturing, packaging materials, coatings, inks, adhesives, and other industries to improve the physical and chemical properties of products.

**Product Features:**

- ◆ low viscosity
- ◆ Low volatility
- ◆ Low glass transition temperature
- ◆ Good weather resistance
- ◆ low shrinkage
- ◆ Flexibility
- ◆ Good water resistance

**Application**

- ◆ Pharmaceutical manufacturing
- ◆ Wood flooring
- ◆ paper or cardboard manufacturing
- ◆ Packaging materials
- ◆ Adhesives

**Technical information**

<b>Chemical Name</b>	1-vinyl-2-pyrrolidone
<b>Other Names</b>	N-vinylpyrrolidone
<b>Molecular Weight</b>	111.14
<b>Chemical Formula</b>	$C_6H_9ON$
<b>CAS No.</b>	88-12-0
<b>Appearance</b>	Colorless liquid
<b>Density (g/cm<sup>3</sup>, 20°C)</b>	1.04
<b>Flash Point (°C)</b>	95
<b>Boiling Point (°C)</b>	92 (760 mmHg)
<b>Melting Point (°C)</b>	13 ~ 14
<b>Viscosity (mPa·s, 25°C)</b>	2
<b>Refractive Index (25°C)</b>	1.512

**Storage**

- ◆ Transportation and storage of non-hazardous chemicals
- ◆ Cool, dry and sealed storage

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