

## 2-PYRROLIDONE (2-P)

### Specifications

#### CAS NO.

CAS NO.	616-45-5
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#### NATURE

NATURE	Clear Colorless Liquid
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#### PHYSICAL PROPERTIES

Structural formula	C <sub>4</sub> H <sub>7</sub> NO
Molecular Wt.	85.11
Sp. Gravity at 20 °C	1.097 - 1.117
Refractive Index at 25 °C	1.4830 - 1.4850
Boiling Point	245 °C
Freezing Point	25 °C
Solubility in Water	Soluble
Flash Point	46 °C
Vapor Density	2.93

#### SPECIFICATIONS (Electronic Grade)

Purity (min.) wt. %	99.50
Water Content (max.) %	00.30

#### SPECIFICATIONS (Standard Grade)

Purity (MIN.) wt %	99.00
Water Content (MAX.) %	00.50
Color Apha(max)	40

#### SPECIFICATIONS (Electronic Grade)

Colour Apha (Max)	40.00
Other Impurities ( Max.) %	00.20

### **SPECIFICATIONS (Standard Grade)**

Other Impurities ( Max.) % 00.50

### **SPECIFICATIONS (Normal Grade )**

Purity (Min) wt % 98.50

Water Content (Max) % 00.50

Colour Apha (Max) 40

Other Impurities ( Max.) % 01.00

### **Applications**

- Used in Pharmaceuticals, Dye intermediates, Stabilizer, Printing Inks & Iodine
  
- Used in Agricultural Chemicals, Synthetic Resin, Polyalent Alcohol