

Specifications for N-Methyl Pyrrolidone (NMP)

Parameter	Value
Melting Point	-24°C
Mol Wt	99.13
Empirical Formula	C ₅ H ₉ NO
Specific Gravity	1.028 @ 25 °C
Refractive Index	1.47
Boiling Point	202 °C @ 760 mm Hg
Colour (APHA) Max	50
Flash Point	93 °C
Stability	Stable under ordinary conditions
pH	7.5 - 8.0
Autoignition Temperature	270 °C
Solubility in Water	Miscible

SPECIFICATIONS (Ultra Pure Grade)

Color Apha(max)	20
Purity(min) wt % by GC	99.85 min
Water Content (MAX.) % by KF	0.05 max
Other Impurities (max) % by GC	0.10 max