



河南骏化发展股份有限公司

HENAN JUNHUA DEVELOPMENT CO., LTD.

NO. 439, EASTERN OF THE ZHONGHUA BOULEVARD, ZHUMADIAN HENAN, CHINA

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Technical data sheet

Cas No.	127-19-5
Molecular formula	CH ₃ C(O)N(CH ₃) ₂
Synonyms	N,N-Dimethyl Acetamide
Appearance	Colorless transparent liquid
Molecular weight	87.12
Specification	PURITY% : 99.9PCT MIN
	COLOURITY(Hazen)Pt-Co colour code : 5 MAX
	MOISTURE % : 0.01PCT MAX
	ACIDITY(BASED ON acetic acid) % : 0.003 MAX
	Alkalinity (based on dimethylamine)% : 0.0001 MAX
	Iron Content : 0.05 MAX
	Conductivity (25°C) (μs/cm) : 0.05 MAX
Package	ISO TANK / 190KG DRUMS / BULK CARGO
Application	N.N-Dimethyl acetamide is a kind of aprotic solvent of high boiling point and high polar, which can dissolve a variety of compounds and completely miscible with water, ether, ketone, ester, aromatic hydrocarbons. It has characteristics of high thermal stability, not easy to hydrolysis, corrosion resistance, low toxicity, etc. It has good dissolving ability for a variety of resins, especially for the polyurethane resin and polyimide resin, and it is mainly used as good polar solvent for heat resistant synthetic fibre, plastic, paint, medicine, solvent, the spinning of acrylonitrile polymer synthetic fiber spinning and other organic syntheses.