

Dimethylformamide DMF

Properties

CAS NO. 68-12-2

Appearance	Clear Liquid
pH-Value (20% Aq. Solution @ 25°C)	6.50 – 8.50
Freezing Point	-61°C
Flash Point	58°C
Boiling Range	152-153°C
Density @20°C	0.94 g/cm ³
Ignition temperature	410°C

Specifications

Component	Unit	Value by weight	Test Method
DMF Content	%	99.90 Min.	MAWI - 69
Color	Pt-Co	10 Max.	ASTM D 1209
Methanol Content	%	0.005 Max.	MAWI - 69
Water Content*	%	0.03 Max. or 0.015 Max.	ASTM E203
Acidity as Formic Acid by weight	Ppm	10 Max.	ASTM D1613
Alkalinity as DMA by weight	Ppm	10 Max.	ASTM D1067
Fe	Ppm	0.05 Max.	ASTM E1184
Conductivity	μs/cm	2 Max.	ASTM D1125

* Premium grade with lower water content

Grades

- Standard
- Premium

Major Applications

- Pharmaceutical / API
- Polyurethanes / PU Resins
- Electronics
- Polyacrylonitrile Fiber
- Agrochemical
- Polymers, Oil&Gas, Dyestuff and Pigment etc.

Packing

- HDPE Drum
- MS Drums
- ISO Tanker
- Bulk shipment