

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

Properties

Component	Unit	Value by weight	Test Method
DMF Content	%	99.90 Min.	MAWI - 69
Color	Pt-Co	10 Max.	MAWI - 61
Methanol Content	%	0.005 Max.	MAWI - 69
Water Content	%	0.03 Max. or 0.015 Max.	MAWI - 62
Acidity as Formic Acid by weight	ppm	10 Max.	MAWI - 64
Alkalinity as DMA by weight	ppm	10 Max.	MAWI - 63
Fe	ppm	0.05 Max.	MAWI - 66
Conductivity	µs/cm	2 Max.	MAWI - 68

Grades

- Standard
- Premium

Major Applications

- Pharmaceutical / API
- Polyurethanes / PU Resins
- Electronics
- Polyacrylonitrile Fiber
- Agrochemical

007F00

- MS Drum
- HDPE Drum
- ISO Container
- Bulk