

Product Specification Sheet

Product Name: Dimethylformamide

Country of Origin: Imported (China)

Product Description:

- Colourless liquid is miscible with water and the majority of organic liquids.
- DMF is a common solvent for chemical reactions.
- Dimethylformamide is odorless whereas technical grade or degraded samples often have a fishy smell due to impurity of dimethylamine.
- As its name indicates, it is a derivative of formamide, the amide of formic acid.

Product Specification:

Sr No.	Parameters	Specification
1	Pt-Co Chrominance	≤10
2	Formic Acid ppm	≤25
3	PH : 25 oC 20 % Aq. Soln.	6.5-8.0
4	Electrical Conductivity 25 oC 20 % Aq. Soln.	≤10
5	Moisture ppm	≤500
6	Fe ppm	≤0.05
7	Methanol ppm	≤ 20
8	Heavy component (Dimethyl Acetamide)ppm	≤500
9	DMF %	≥ 99.9

Packing: 190 kg steel drums

Applications of Dimethylformamide

- DMF is used in the production of acrylic fibers and plastics.
- It is also used as a solvent in peptide coupling for pharmaceuticals, in the development and production of pesticides, and in the manufacture of adhesives, synthetic leathers, fibers, films, and surface coatings.