

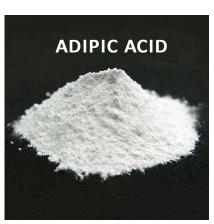
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TECHNICAL DATA SHEET

Adipic Acid





-CAS No.: 124-04-09

-Chemical Formula: C₆H₁₀O₄

-Appearance: white crytalline powder

-EINECS: 204-673-3 -HS CODE: 2917120001

-UN No.: 9077 -MW: 146.14

-PACKAGE: 25 kg bag, 500kg bag, 1000kg bag or according to customer's request.

-STORAGE: In a cool dry place and keep away from strong light and heat.

SPECIFICATION

Item	Superior class	First class	Qualified
Purity % m/m	99.7 min	99.7 min	99.5 min
Melting point	151.5 min	151.5 min	151 min
Ammonia solution color, pt-co	5 max	5 max	15 max
Moisture % m/m	0.20 max	0.27 max	0.4 max
Ash, mg/kg	7 max	10 max	35 max
Iron, mg/kg	1.0 max	1.0 max	3.0 max
Nitric acid, mg/kg	10.0 max	10.0 max	50.0 max
Oxidable matter, mg/kg	60 max	70 max	
Chroma of melts, pt-co	50 max		

Application:

- 1. Used as the material of polyurethane elastomer.
- 2. Used as chemical reagent, also used in plastics and synthetic organic.

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- 3. It is the acidifier of food and drink, whose function is better than citric acid and tartaric acid.
- 4. It is the raw material of medicine, yeast extract, insecticide, adhesives, synthetic leather, synthetic dyes and spices.
- 5. Mainly used as the material of nylon 66 and engineering plastics, also used in the production of ester products, used as plasticizer and advanced lubricant.
- 6. Adipic a sour taste soft and durable, is a good PH regulator. Used in jelly powder(Max 0.15 g/kg) and solid drink powder(Max 0.01 g/kg).