

PRODUCT: Adipic acid

Adipic acid is the organic compound. From an industrial perspective, it is the most important dicarboxylic acid, About 2.5 billion kilograms of this white crystalline powder are produced annually, mainly as a precursor for the production of nylon.

Application:

Adipic acid is used as monomer for the production of nylon by a polycondensation reaction with hexamethylene diamine forming nylon 66. Other major applications also involve polymers: it is a monomer for production of Polyurethane and its esters are plasticizers, especially in PVC.

Items	Unit	Standards
Moisture	%	≤0.2
Purity	%	≥99.8
Melting point	°C	≥152
Appearance	-	White Crystal Powder
Nitric acid	ppm	≤1
Iron	ppm	≤0.2
APHA Color	-	≤3
Ash	ppm	≤4