



TEXAN ORGANICS LLC

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HIGH PURITY DIAMMONIUM PHOSPHATE (HP-DAP)



Diammonium phosphate is a completely water-soluble crystalline product. It is used as a raw material for the preparation of water-soluble NPK fertilizers for protected (greenhouses, hydroponics, sprinkling systems) and open field, as a raw material for the preparation of liquid complex NPK fertilizers. In addition, it has applications in industry. Diammonium phosphate is an ideal flame retardant. Due to its physicochemical properties, it inhibits ignition and combustion. Due to the complete absence of insoluble impurities, the complete dissolution of diammonium phosphate is ensured and the absorption in the impregnated materials, such as fabrics, plywood, or wood, is improved.

QUALITY CHARACTERISTIC

Appearance	White crystals
N, %	20
P ₂ O ₅ , % min	52
Humidity, %, max	0.3
Insoluble, %, max	0.02
pH of 0.1 M solution	7.8-8.6
Turbidity, NTU, max	25
Solubility in water at 20°C, g/100 g water	68.5
Friability, %	100
Fluorine (F), ppm, max	10
Lead (Pb), ppm, max	4
Cadmium (Cd), ppm, max	1
Mercury (Hg), ppm, max	1
Arsenic (As), ppm, max	2

PACKING AND STORAGE

Packed in 25 kg laminated polypropylene bags with polyethylene liner and in 1000 kg big bags. Store in covered storage facilities that exclude penetration of precipitation and ground water. Warranty period is 1 year from the date of manufacture under the recommended conditions of transportation and storage. Shelf life is unlimited.