



ii. Ammonium Nitrate, Nitro Fertilizer

1- Ammonium Nitrate

Properties: -

Three forms: porous prills Ammonium Nitrate

(PPAN,LDAN)prills Ammonium Nitrate

(TAN,HDAN) Crystal Ammonium Nitrate

Chemical formula: NH_4NO_3 , Total content 99.6 %, Nitrogen content 34.7%

Usage:

Used as fertilizer analysis reagent oxidants, pesticides, cooling agent, mining gas industry, fireworks and explosives etc.

Item	Trade stander	Our products
Ammonium nitrate (dry basis)	$\geq 99.5 \%$	99.63%
Free water content	$\leq 0.3 \%$	0.09 %
Density g/cm ³	0.76 – 0.83	0.79
Granularity 0.5 -2.5 mm	≥ 90	99.2 %
10 % ammonium nitrate water solution PH	≥ 4.0	5.0

2- Ammonium Nitrate Phosphate (ANP)

Also written as Ammonium phosphor Nitrate ,phosphorus nitrate ,Ammonium nitrate phosphorous

It is a new type of nitrogen phosphate compound fertilizer and soluble in water absolutely .the proportions of these elements in a fertilizer are often shown as N:P=30:6 OR N:P =32:4

Item	Result
Physical appearance	White in Granular form
N+P ₂ O ₅	(36+/-1)%
N Purity	34 % min
P ₂ O ₅	4 % min
Free Moisture	1.5 % max
Size 1 mm-4.0 mm	90 % min Pass

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