

Ammonium Polyphosphate Solution

(APP) 11:37

MAIN TECHNICAL CHARACTERISTICS

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|--|---------------------------------------|
| • Fraction of total mass of ammonia Nitrogen (N), % min | 11 |
| • Fraction of total mass of Assimilated Phosphates (P ₂ O ₅), % min | 37 |
| • Fraction of Total mass of sum of nutritious compounds (N+P ₂ O ₅), %, min | 48 |
| • Fractions of total mass of fluorine, (F), %, max | 0,12 |
| • Fractions of total mass of magnesium, (MgO), % max | 0, 35 |
| • Fraction of total mass of water-insoluble residue, %, max | 0,08 |
| • Appearance | Transparent, light green or colorless |
| • Conversion rate, % min | 65 |
| • Density, g/cm ³ by 20 °C | 1.41 – 1.47 |
| • Viscosity, CPUs by 20 °C max | 80 |
| • pH - neutral | 6-7 |
| • Crystallization temperature, °C, max | (-20) |

Notes: Ammonium Polyphosphate Solution (APP) is an aqueous solution of ammonium phosphate containing two elements: Nitrogen and Phosphorus in the ratio of 11:37.
In APP Phosphorus is present in the form of ortho- and polyphosphates in a fully digestible form. APP 11:37 is a highly efficient quick acting fertiliser. Apart from condensed phosphates and Nitrogen APP solution contains sulphur and magnesium.
All nutrients are consolidated in the solution and therefore are readily available to plants



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