Ammonium Polyphosphate

APP

PRODUCT DESCRIPTION

Ammonium Polyphosphate is a polymeric phosphate supplied in powder form. It provides a minimum of 18% total nitrogen and 58% available P_2O_5, with a controlled degree of polymerisation and high water solubility. The product is suitable for applications requiring a concentrated source of nitrogen and phosphorus.

KEY FEATURES

- High polymerisation rate
- High water solubility
- Low moisture content
- Controlled heavy metal levels

APPLICATIONS

- Fertiliser formulations
- Specialty fertiliser blends
- Water-soluble fertiliser systems
- Nitrogen and phosphorus supplementation
- Industrial phosphate formulations

CHEMPORT
Specialty Chemical Experts

LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.

Chemport Pty Ltd provides the information contained in this document in good faith based on the best knowledge available at the time of publication. While we believe the information to be accurate and reliable, it is intended for general guidance only and is provided without warranty of any kind, express or implied.

Users are solely responsible for determining the suitability of this product for their specific application and for ensuring compliance with all relevant regulations, industry standards, and intellectual property rights. The product must not be used in violation of any law, statute, or thirdparty rights.

Chemport Pty Ltd shall not be liable for any direct, indirect, or consequential loss or damage arising from the use of this product or reliance on the information provided in this document. Users should refer to the current Safety Data Sheet (SDS) and perform their own evaluations, including any necessary testing, to confirm the product's suitability for use in their particular conditions.

This document is subject to revision without notice as new data becomes available.

TECHNICAL SUPPORT
+61294103317
info@chemport.com.au

Suite 2.08
32 Delhi Road
Macquarie Park
NSW 2113
Australia

chemport.com.au

PRODUCT SPECIFICATIONS

Parameter	Specifications
Appearance	Powder
Available P_2O_5	≥ 58.0%
Total Nitrogen (N)	≥ 18.0%
Polymerisation Rate	≥ 65.0%
Degree of Polymerisation	2–5
Solubility (in 100 mL Water)	≥ 175 g
Water Insoluble	≤ 0.1%
Moisture (H_2O)	≤ 0.5%
pH Value	6–8
Arsenic (As)	≤ 30 ppm
Lead (Pb)	≤ 10 ppm
Cadmium (Cd)	≤ 5 ppm
Chromium (Cr)	≤ 20 ppm
Mercury (Hg)	≤ 0.1 ppm
Particle Size (Beneath 20 Mesh)	≥ 90.0%

PACKAGING
Available in 25 kg bags and 1,000 kg bulk bags.

STORAGE & HANDLING
Store in the original, sealed packaging in a cool, dry and well-ventilated area. Protect from incompatible materials and keep containers securely closed when not in use.

SHELF LIFE
2 years under recommended storage conditions.

SAFETY
Refer to the current Safety Data Sheet (SDS) for additional information on safe handling, storage and use.