

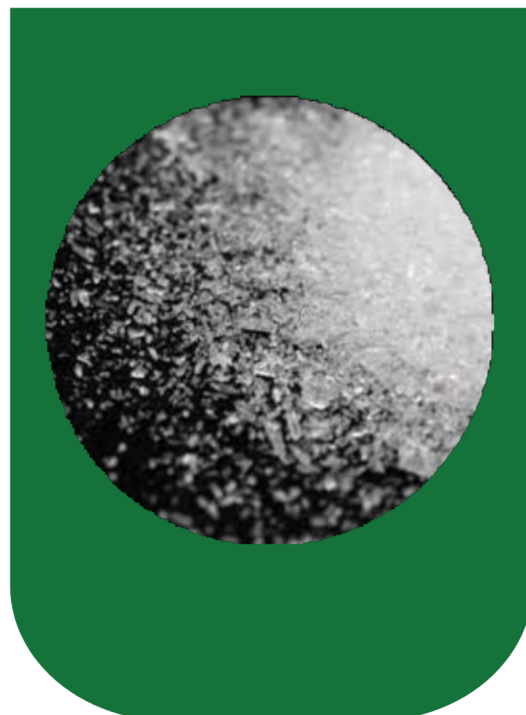
# Diammonium phosphate purified (DAP)

**$(\text{NH}_4)_2\text{HPO}_4 \geq 99,5\%$**

Diammonium phosphate purified is a water-soluble crystalline product. Diammonium phosphate Purified of various grades is used in various industries. (food, pharmaceutical, woodworking, etc.).

Diammonium phosphate is an ideal fire retardant.

Thanks to its physical and chemical properties, it prevents fire and combustion. Due to the complete absence of insoluble impurities, complete dissolution of Diammonium phosphate is ensured and absorption into impregnated materials such as fabrics, plywood or wood is improved.



## QUALITY CHARACTERISTIC

## VALUE

|  |                          |
|--|--------------------------|
| Apperearance                                   | white crystalline powder |
| $(\text{NH}_4)_2\text{HPO}_4$ , %, min         | 99,5                     |
| Total Phosphates ( $\text{P}_2\text{O}_5$ ), % | 53±1                     |
| Total Nitrogen (N), %                          | 21±1                     |
| Moisture content, max, %                       | 0,5                      |
| Fluorine (F),% max                             | 0.02                     |
| pH of 0,1 M solution                           | 7,8-8,6                  |
| Turbidity of 20 % solution, NTU, max           | 10                       |
| Insolubles, %, max                             | 0,02                     |
| Granulometry:                                  |                          |
| Mass fraction of particle size:                |                          |
| less than 1 mm, %, not less                    | 95                       |
| from 1 to 4 mm, %, not less                    | 97                       |
| from 4 to 6 mm,                                | 3                        |
|  | 0                        |

## PACKAGING AND STORAGE CONDITIONS:

The product is packed in laminated polypropylene bags of 25 kg and 50 kg with polyethylene liner and in 1000, 1200 and 1250 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.

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