

AMMONIUM NITRATE



PRODUCT OF THE UKRAINE

This product is from a Valetime Trading Source

SPECIFICATION

Appearance	Ammonium nitrate (NH_4NH_3) is a granulated product of white colour yellowish hue.
Uses	Ammonium nitrate (NH_4NH_3) is used for production of ammonites, nitric oxide and in agriculture – as a mineral fertilizer. As a mineral fertilizer it is effective in all zones and for almost all agricultural crops. Ammonium nitrate is used as a presowing-applied fertiliser, as well as for early spring feeding of plants.
Packing	Pe or other bags providing product preservation
Product NET mass	$50 \pm 1,0$ kg.
Life	Guaranteed storage life is 6 months from production date.

Specification

Grade standard	GOST 2-85		
	A	B Higher grade	First grade
Total mass portion of nitrate and ammonium nitrogen based on:			
... NH_4NO_3 in dry matter, %, not less than	98	No standard	No standard
...Nitrogen in dry matter, %, not less than	No standard	34.4	34.4
Water mass portion, %, not more than:			
...with sulphate and phosphate additives	0.2	0.2	0.2
...with calcium / magnesium nitrate additives	0.3	0.3	0.3
Ph of 10% water solution, not less than	5.0	5.0	5.0
...with sulphate-phosphate additives	4.0	4.0	4.0
Mass portion of substances insoluble in 10% nitric acid solution, %, not more than	0.2	No standard	No standard
GRAIN SIZE DISTRIBUTION			
mass portion of granule size from 1 to 3 mm, %, not less than	93	No standard	No standard
mass portion of granule size from 1 to 4 mm, %, not less than	No standard	95	95
granule size from 2 to 4 mm, %, not less than	No standard	80	50
mass portion of granule size less than 1 mm, %, not more than	4	3	3
mass portion of granule size exceeding 6 mm, %	0.0	0.0	0.0
Granule static strength, n/granule (kg/granule), not less than	5 (0.5)		7 (0.7)
...with sulphate and sulphatephosphate additives		10 (1.0)	
...with calcium and magnesium nitrate additives		8 (0.8)	
Friability, %, not less than	100	100	100

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