

**NEOFERT®  
AMMONIUM NITRATE  
EC FERTILIZER**

Number of revisions: 13  
Date of last revision: 10.12.2018

**General Information:**

main ingredient	
<b>Chemical formula:</b> NH <sub>4</sub> NO <sub>3</sub>	CAS-№: 6484 - 52 - 2
<b>Molecular weight:</b> 80.04	EO-№: 229 - 347 - 8
<b>Appearance:</b> prills	Неохим АД код: 13 - 01
<b>Use:</b> mineral fertilizer, formulation and repackaging of mixtures	

**Specifications:**

<b>Indices</b>	<b>Typical Values</b>	<b>Limit Values</b>
Ammonium nitrate on dry basis, %	97.1	min. 97.1
Total nitrogen content on dry basis, % including:	34.4	min. 34.4
- ammoniacal form, %	17.0	min. 17.0
- nitrate form, %	17.4	min. 17.4
Moisture, %	0.2 - 0.6	max. 0.6
Combustible ingredients, expressed as C, %	0.08	max. 0.2
Porosity (oil retention), %	2	max. 4
pH aqueous solution at 20 °C (10 g/ 100 cm <sup>3</sup> )	4.5 - 6.0	min. 4.5
Chlorine (as Cl), %	0.005	max. 0.02
Heavy metals (such as Cu), mg/kg	10	max. 10
Free flowing, %	100	min. 100
Granulometry:		
- particles with dimensions below 1 mm, %		max. 5
- particles with dimensions below 0.5 mm, %		max. 3
Non-organic additives, % - calculated as magnesium oxide	0.3-0.5	max. 0.5
Organic anti-caking agent	treated	treated
Resistance to detonation	complies	must conform with the test

**Packing:**

- \* Two-layer bags (polypropylene/polyethylene) - 25 kg; 50 kg net
- \* Big bags - 500 kg; 600 kg; 1000 kg.
- \* Slings and sling bags (30 pcs. of 50 kg) - 1500 kg net

Date of issue: 07.05.1992

These data are based on our current knowledge, experience and technical equipment. They do not relieve customers of carrying out their own tests and experiments, due to the great diversity of possible effects in processing and application of our products. They do not imply any legally binding assurances of certain properties and applications. The recipients of our products ought to abide by the existing legislation and regulations as well as possible reserved rights.

**Sales Director**  
e-mail: adimitrov@neochim.bg  
Phone: + 359 391 60590  
Fax: + 359 391 60595

**Director Marketing, Analysis and Controlling**  
e-mail: sgrancharov@neochim.bg  
Phone: +359 391 60580  
Fax: + 359 391 60555