

# Urea granulated

**Normative document:** TU U 24.1-05761614-060:2007

**Chemical formula:** CO(NH<sub>2</sub>)<sub>2</sub>

## Application

Urea granulated is intended for use in industry as a raw material for production of resins, adhesives, etc., for use in agriculture as mineral nitrogen fertilizer including dry complex fertilizing.

Depending on purpose, 2 grades of urea are produced:

grade A – for industry;

grade B – for agriculture as mineral fertilizer.

Urea granulated of grade B is produced in premium, first and second quality.



## Storage and transportation

Packed urea granulated or in bulk is stored in warehouses protecting the product from precipitation and pollution.

Urea granulated is transported both packed (in bags, containers, transport packagings) and in bulk by all means of transportation, except by air, in accordance with cargo carriage regulations applicable to a particular transportation mode.

**Guaranteed storage life:** 6 months from the date of manufacture.

## Specifications

Description	Value			
	Grade A	Grade B		
		Premium quality	First quality	Second quality
Nitrogen (in terms of dry substance), %, min	46,2	46,2	46,2	46,2
Biuret, %, max	1,4	1,4	1,4	1,4
Free ammonia, %, max	0,03	–	–	–
Water, %, max:				
drying method	0,3	0,3	0,3	0,3
the Fischer method	0,6	0,6	0,6	0,6
Granulometry, %:				
2-5 mm, min	–	95	95	95
1-4 mm, min	–	–	–	–
2-4 mm, min	–	–	–	–
less than 1 mm, max	–	3	5	5
sieve residue 6 mm, max	–	Not rated	Not rated	Not rated
Static strength, kgf/granule, min	–	2,5	2,0	1,5
Friability, %	100	100	100	100

**Produced at OSTCHEM production site:** PJSC “CONCERN STIROL”