

SPECIFICATION: UREA 46% NITROGEN GRANULAR

UREA CARBAMIDE, CARBONLYDIAMIDE, AGRICULTURAL GRADE, GRANULAR, STANDARD
according to GOST 2081-92, MARK "B"

SPECIFICATION UREA46% GRANULAR GOST 2081-92	
Product	UREA N46 agriculture grade
Nitrogen	46% minimum
Moisture	0.5 max
Free ammonia	160 PXT PPM maximum
BIURET	1.0% maximum
Harmful substances	100 % free from harmful substances
Melting point	132 degree Celsius
Granulation	1mm to 4mm 90% minimum
Color	White standard or white pure
Odor	Odorless
Boiling	Decomposes before boiling
Radiation	Non-radioactive
Physical state	Solid@20°C, 101 KPA white granules
Specific gravity	Solid@20° C-1.35 t/ms
Floatability in water	Sinks and mixes
Molecular weight	60.065
Fertilizer granular	94-96%min
Prill	96% max
Fisher	0.30%



PRILLED UREA N 46

- a. PACKING: in bulk or bags / 50 KG
- b. SPECIFICATION:

SPECIFICATION for PRILLED UREA N 46

UREA CARBAMIDE, CARBONYLDIAMIDE, AGRICULTURAL GRADE, PRILLED, STANDARD
Standards according to GOST 2081-92

Nitrogen	46% by weight minimum
Moisture.	0.5% max by method of drying
Fisher	0.3% Max. Dryer
Biuret	1,0% max. by weight
Anti-Caking Agent	Treated against Anti-Caking
Free ammonia	160 PXT PPM maximum
Granulation	0,85 – 3,35 mm not less than 90 %
Melting point	132 degrees centigrade
Solubility in water at 20°C	100g/100 ml of water
PH of 10 % solution	7.5 – 10.0 units
Color	Standard White or Pure White
Critical Relative Humidity (30°C)	73 %
Quality	Free flowing, non clotted Free from harmful substances
Physical State	Solid at 20°C, 101 KPA white granules
Specific Gravity	Solid at 20°C, - 1.335 t/m
Molecular Weight	60.065
Physical Presentation	Spherical beads or pellets, white
Apparent density (kg/m ³)	770 – 809 kg/m ³
Salinity Index	75.4

