

Urea



- Prilled Urea
- Granular Urea
- Industrial Prilled Urea

PRILLED UREA

Product Description:

Prilled Urea is a nitrogen fertilizer manufactured by the reaction of ammonia and carbon dioxide. Fertilizer grade urea is a white, free flowing prilled (spherical) solid with a small amount of organic material as a conditioner or anti-caking agent. Concentrations of low biuret Prilled Urea are less than 1%.

Producer: Khorasan Petrochemical

Grade: Agriculture

Table of Description:

Property	Value	Units	Test Method
Nitrogen Content	46 min	wt%	BS DIN EN 15478
MOISTURE	0.3 max	wt%	ISO 760
BIURET CONTENT	1.0 max	wt%	BS DIN EN 15479
PARTICLE SIZE (1-2.4mm)	92 min	%	ISO 8397
Urea Formaldehyde	0.4 max	wt%	H.F.T 1.6& SBB 0071-02-E

Packing: 50 kg Bags /Jumbo Bag/ Bulk \pm 1%

Storage Conditions:

- Store in a cool, dry, well ventilated place, out of direct sunlight.
- Protected from moisture.
- Recommended storage temperature: 15 – 25 °C .



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Producer: Shiraz Petrochemical

Grade: Agriculture

Table of Description:

Property	Value	Units	Test Method
Nitrogen Content	46.3 min	wt%	ISO 5315
MOISTURE	0.3 max	wt%	ISO 2753
BIURET CONTENT	1.0 max	wt%	ISO 2754
PARTICLE SIZE (1-2.84mm)	90 min	%	ISO 8397
Conditioning Agent	Anti-Cake or Formaldehyde Treated		

Packing: 50 kg Bags /Jumbo Bag/ Bulk \pm 1%

Storage Conditions:

- Store in a cool, dry, well ventilated place, out of direct sunlight.
- Protected from moisture.
- Recommended storage temperature: 15 – 25 °C .



GRANULAR UREA

Product Description:

A granulated, highly concentrated, nitrogen-based fertilizer. It can be easily spread across widths in excess of 30 meters, ensuring good spreading quality and better results. It is a simple or straight (single-element) fertilizer that supplies the major essential element nitrogen in ammoniac form (NH_4^+). The positively charged ammonium ion (NH_4^+) is nonvolatile and is one of the two forms of nitrogen that can be absorbed by plants, the other being nitrate (NO_3^-).

Producer: Shiraz Petrochemical

Grade: Agriculture

Table of Description:

Property	Value	Units	Test Method
Nitrogen Content	46min	wt%	ISO 5315
MOISTURE	0.5max	wt%	ISO 2753
BIURET CONTENT	1.0 max	wt%	ISO 2754
PARTICLE SIZE (2-4mm)	90 min	%	ISO 8397
Formaldehyde	0.55max	wt%	BS 6806-1

Packing: 50 kg Bags /Jumbo Bag/ Bulk

Storage Conditions:

- Store in a cool, dry, well ventilated place, out of direct sunlight.
- Protected from moisture.
- Recommended storage temperature: 15 – 25 °C .



GRANULAR UREA

Product Description:

A granulated, highly concentrated, nitrogen-based fertilizer. It can be easily spread across widths in excess of 30 meters, ensuring good spreading quality and better results. It is a simple or straight (single-element) fertilizer that supplies the major essential element nitrogen in ammoniac form (NH_4^+). The positively charged ammonium ion (NH_4^+) is nonvolatile and is one of the two forms of nitrogen that can be absorbed by plants, the other being nitrate (NO_3^-).

Producer: Kermanshah Petrochemical

Grade: Agriculture

Table of Description:

Property	Value	Units	Test Method
Nitrogen Content	46min	wt%	ISO 5315
MOISTURE	0.4max	wt%	DSM 0281-B2-E(modified from ISO 760)
BIURET CONTENT	1.0 max	wt%	BS EN 15479
PARTICLE SIZE (2-4mm)	90 min	%	ISO 8397
Dust (<0.55mm)	0.2 max		
Formaldehyde	0.55max	wt%	HFT-00022/23.8.2001(in house method)

Packing: 50 kg Bags /Jumbo Bag/ Bulk

Storage Conditions:

- Store in a cool, dry, well ventilated place, out of direct sunlight.
- Protected from moisture.
- Recommended storage temperature: 15 – 25 °C .



INDUSTRIAL PRILLED UREA

Product Description:

Industrial Prilled urea (untreated urea), also known as uncoated prilled, is used for the “Technical” grade urea market intended for industrial applications and for applications where solution urea is required. Prilled urea’s shape is small spherical particles known as “prills”.

Application:

- Animal Feed
- Textile & UF Resins
- Chemical Industry
- Fuel Additive

Producer: Khorasan Petrochemical

Grade: Industrial (Uncoated)

Table of Description:

Property	Value	Units	Test Method
Nitrogen Content	46 min	wt%	BS DIN EN 15478
MOISTURE	0.3 max	wt%	ISO 760
BIURET CONTENT	1.0 max	wt%	BS DIN EN 15479
PARTICLE SIZE (1-2.83mm)	90 min	%	ISO 8397
Urea Formaldehyde (UF)	100 max	ppm	H.F.T 1.6& SBB 0071-02-E

Packing: 50 kg Bags /Jumbo Bag

Storage Conditions:

- Store in a cool, dry, well ventilated place, out of direct sunlight.
- Protected from moisture.
- Recommended storage temperature: 15 – 25 °C .

≥ %90
Ø 1 - 2.83 mm



INDUSTRIAL PRILLED UREA

Product Description:

Industrial Prilled urea (untreated urea), also known as uncoated prilled, is used for the “Technical” grade urea market intended for industrial applications and for applications where solution urea is required. Prilled urea’s shape is small spherical particles known as “prills”.

Application:

- Animal Feed
- Chemical Industry
- Textile & UF Resins
- Fuel Additive

Producer: Shiraz Petrochemical

Grade: Industrial (Uncoated)

Table of Description:

Property	Value	Units	Test Method
Nitrogen Content	46 min	wt%	ISO 5315
MOISTURE	0.3 max	wt%	ISO 760
BIURET CONTENT	1.0 max	wt%	ISO 2753
PARTICLE SIZE (1-2.84mm)	90 min	%	ISO 8397
Urea Formaldehyde (UF)	100 max	ppm	H.F.T 1.6& SBB 0071-02-E

Packing: 50 kg Bags /Jumbo Bag

Storage Conditions:

- Store in a cool, dry, well ventilated place, out of direct sunlight.
- Protected from moisture.
- Recommended storage temperature: 15 – 25 °C .

≥ %90
Ø 1 - 2.84 mm





BEHIN TRADING

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