

SPECIFICATIONS:

Prilled Urea N 46% (Agricultural Grade), H₂N-CO-NH₂
 UREA CARBAMIDE, CARBONYLDIAMIDE, AGRICULTURAL GRADE, PRILLED, GOST 2081-92, MARK "B"

规格:

粒状尿素氮46% (农业级) , 分子式: H₂N - CO -NH₂
 尿素, 农业级, 粒状, GOST2081-92 "B"

Nitrogen	46% MIN	氮	最少46%
Moisture	0.05% to 0.30% MAX by Method Drying	湿度	通过烘干, 在0.05%到最大0.30%
Free Ammonia	160 PXT, PPM MAX	游离氨	最大160 PXT, PPM
Biuret	1.0% MAX	缩二脲	最大1.0%
Free Flowing	100% Anticaking Treated, Free from Harmful Substances Granule	自由流动	100 %防结块处理
Melting Point	132.7 Degrees Celsius	熔点	摄氏132.7度
Granulation	0.85MM - 2.8MM - MIN95%	造粒	0.85mm至2.8mm, 最少95%
Colour	Urea White Foam, Odourless or Slight Ammonia Odour	颜色	白色发泡状
Odour Treshold	Not Available	气味	无味
Boiling Point	Decomposes Before Boiling	沸点	分解前沸点
Hazardous Ingredients	None According to Controlled Product Regulations	有害成分	根据管制产品条例, 应没有
Urea	100%	尿素	100%
Radioactivity	None	放射性	无放射性
Physical State	Solid @ 20 C and 101KPS, White Prilled	物理状态	固体@20C和101KPS, 白色颗粒状
Specific Gravity	Solid AT 20 C - 1.335 T / M3	比重	固体@20C, 1335公斤/立方米
PH Value	7.0-9.0	PH值	7.0-9.0
Vapour Density	N/A	蒸气密度	N/A
Floatability Water	Sinks and Mixes	水中浮动性	下沉且混合
Molecular Weight	60.065	分子量	60.065

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UREA 46% N Specifications

PRILLED UREA 46% N	
QUALITY SPECIFICATIONS	WHITE PRILLED
MASS PART NITROGEN	46.4%MIN
BIURET, NOT MORE THAN	1% MAX
MOISTURE NOT MORE THAN	0.5%MAX
GRANULOMETRY: (GRANULES SIZE)	0.85mm to 2.8mm 95% MIN
FREE AMMONIA	160 PXT PPM MAX.
MELTING POINT	132 DEGREES CEN.
CRUMBLINESS	100%
PHYSICAL PROPERTIES	NON RADIOACTIVE WHITE, FREE FLOWING, FREE FROM HARMFUL SUBSTANCES COATED, SPHERICAL & UNIFORM IN SIZE, 100% TREATED AGAINST CAKING

GRANULATED UREA 46% N	
QUALITY SPECIFICATIONS	WHITE GRANULES
NITROGEN RECALCULATED TO DRY	46.4%MIN
BIURET, NOT MORE THAN	1.0%MAX
WATER, NOT MORE THAN	0.5%MAX
GRANULOMETRY: (GRANULES SIZE)	2mm to 4.75mm 90% min.
FREE AMMONIA	160 PXT PPM MAX.
MELTING POINT	132 DEGREES CEN.
CRUMBLINESS	100%
PHYSICAL PROPERTIES	NON RADIOACTIVE WHITE, FREE FLOWING, FREE FROM HARMFUL SUBSTANCES COATED, SPHERICAL & UNIFORM IN SIZE, 100% TREATED AGAINST CAKING

Prilled urea industrial grade Specifications

Item	Specifications
Urea Assay (wt %)	99.0 min
Granulate size	0.85-2.80mm 90min
Moisture (wt %)	0.8 max
Nitrogen(wt %)	46.2 min
Biuret (wt %)	1.0 max
Aldehydes (ppm)	5 max
Free Ammonium (wt %)	0.01 max
Insolubles (ppm)	20 max
Fe (mg/kg)	0.5 max
Al (mg/kg)	0.5max
Cu (mg/kg)	0.5 max
Zn (mg/kg)	0.5 max
Cr (mg/kg)	0.5 max
Ni (mg/kg)	0.5 max
Mg (mg/kg)	0.5 max
Na (mg/kg)	0.5max
K (mg/kg)	0.5 max
Ash (ppm)	100 max.
Phosphate(ppm)	0.5 max
Heavy Metal(ppm)	0.5 max
Additive	NONE
pH (10 wt% solution)	7.0 ~ 9.0

Prilled Urea Industrial Grade COA

Item	Min/Max Values	Result
Urea Assay (wt %)	98.0 min	99.1
Granulate size	0.85-2.80mm	94%
Moisture (wt %)	0.5 max	0.33
Nitrogen(wt %)	46	46.4
Biuret (wt %)	1.0 max	0.75
Aldehydes (ppm)	5 max	4
Free Ammonium (wt %)	0.01	0.01
Insolubles (ppm)	20	17
Fe (mg/kg)	0.5 max	Less than 0.2
Al (mg/kg)	0.5max	Less than 0.2
Cu (mg/kg)	0.5 max	Less than 0.2
Zn (mg/kg)	0.5 max	Less than 0.2
Cr (mg/kg)	0.5 max	Less than 0.2
Ni (mg/kg)	0.5 max	Less than 0.2
Mg (mg/kg)	0.5 max	Less than 0.2
Na (mg/kg)	0.5max	Less than 0.2
K (mg/kg)	0.5 max	Less than 0.2
Ash (ppm)	100 max.	Less than 10
Phosphate(ppm)	0.5 max	Less than 0.2
Heavy Metal(ppm)	0.5	0.4
Additive	NONE	NONE
pH (10 wt% solution)	7.0 ~9.0	8.48

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MASS PART NITROGEN	46.2%MIN
BIURET, NOT MORE THAN	1% MAX
MOISTURE NOT MORE THAN	0.5%MAX
GRANULOMETRY: (GRANULES SIZE)	0.85mm to 2.8mm 95% MIN
FREE AMMONIA	160 PXT PPM MAX.
MELTING POINT	132 DEGREES CEN.
CRUMBLINESS	
PHYSICAL PROPERTIES	NON RADIOACTIVE WHITE, FREE FLOWING, FREE FROM HARMFUL SUBSTANCES COATED, SPHERICAL & UNIFORM IN SIZE, 100% TREATED AGAINST CAKING

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