

Technical Data Sheet



Urea (carbamide) Granule –Fertilizer grade

Product Description:

This product is produced utilizing technology licensed from STAMICARBON.

Typical applications:

The product finds widespread use in agriculture as a renowned solid nitrogenous fertilizer boasting the highest nitrogen content.

Technical Data:

Property	Unit	Specification	Test method
Nitrogen content	wt%	46.0 Min.	ISO-5315
Water content	wt%	0.5 Max.	ISO -2753
Biuret	wt%	1.0 Max.	ISO -2754
Formaldehyde	wt%	0.5 Max.	ISO 14184
Particle size (2.0 – 4.0 mm)	wt%	90.0 Min.	ISO -8397

Packaging

The merchandise is distributed in bulk shipments, comprising 1000 Kg Jumbo bags, as well as 50 Kg bags.

Handling and storage

Please ensure that the product is stored in a dry, cool, and well-ventilated environment, and shielded from moisture. Urea, when subjected to heat, may liberate ammonia, and upon decomposition, it may emit hazardous fumes containing nitrogen oxides (NOx) and ammonia. It is incompatible with substances such as strong acids, strong bases, potent oxidizers, hypochlorites, nitric acid, halogens, sodium nitrite, phosphorus pentachloride, and nitrosyl or gallium perchlorate. For further details, please refer to the Material Safety Data Sheet (MSDS) of the product.