

Grade : UREA 46

Product Name: Urea

General Purpose: Fertilizer

Appearance : Granular

Application: Urea is widely used in the agricultural sector both as a fertilizer and animal feed additive. The main function of Urea fertilizer is to provide the plants with nitrogen to promote green leafy growth and make the plants look lush. Urea also aids the photosynthesis process of plants.

Packing: Bulk , 50kg Bag , Big bag(Jumbo Bag)

Typical values

Properties	Test Method	Value
Biuret	BS EN 15479	Max: 1% w
Free Ammonia	Laboratory manual Vol 2.1 Proj-PM-012 Lab Test Methods Rev. 1/14 Feb.2006 (in house method)	Max:100 mg/Kg
Formaldehyde	HFT-00022 /23.8.2001 (in house method)	0.45~0.55 % w
Particle Size Distribution	ISO 8397	Min: 90% w 2~4 mm Dust (Less than 0.55 mm) : Max: 0.2% w
Water in Fertilizers	DSM 0281-B2-E (modified from ISO 760)	0.2 ~ 0.4 % w
Total Nitrogen Content	ISO 5315	Min: 46%w
PH (10% Solution at 20 °C)	In house Method	8.5 ~ 9.5
Crushing Strength	In house Method	3 Kg
Stowage Factor	In house Method	1.35 Bulk (m3/t)
Bulk Density (Loose/Tapped)	In house Method	(750/760) gr/Lit