

Product Data Sheet

Granular Urea

Urea 46%, Coated

Product Description

Granule fertilizer is usually harder than prill. the size of Granule is between 2 up to 4 mm but Prill is between 1 up to 2/4 mm. The physical structure of urea fertilizer is the key factor to its mechanical and physical properties such as flow ability and avoidance of caking, while thermal and chemical properties are unlikely to be affected. The results confirm that both prilled and granulated urea are of a very similar composition and thermal characteristics (melting point). The only key difference between them is the internal structure of granules which is the fundamental key to their mechanical properties. The strength measurement show granulated urea have a higher strength as their prominent size and internal structure, while prills performed weaker strength having the small size.

Property	Units	Test method	SPEC Value
N ₂ content	Wt%	ISO 5315	Min. 46
Moisture	Wt%	ISO 2753	Max.0.5
Biuret content	Wt%	ISO 2754	Max. 0.1
Particle size (2-4 mm)	%	ISO 8397	Min. 90
Formaldehyde	Wt%	BS-6806-1	0.55 Max

Packing:

- 50kgr±200gr bags
- Jumbo/ Big bags
- Bulk