Agriculture Grade Urea

Urea 46-0-0 | Nitrogen fertilizer

PRODUCT OVERVIEW

The most widely used dry nitrogen fertilizer, with 46% nitrogen and a controlled biuret level that is safe for crop use. Supplied prilled or granular for field crops, pasture and turf.

TYPICAL SPECIFICATION

Characteristic	Units	Typical value	Test method
Nitrogen (N) content	-	**46% minimum**	ASTM E1518 / ISO 18227
Form	-	**Prilled or granular**	Visual / sieve inspection
Appearance	-	**White, free-flowing solid**	Visual
Biuret content	-	**1.0% maximum**	ISO 17318
Moisture content	-	**0.5% maximum**	ISO 760 / Karl Fischer
Granule / prill size	-	**2 to 4 mm**	ISO 8397 / sieve analysis
Bulk density	-	**Approximately 0.74 g/cm³**	ASTM D1895
Crushing strength	-	**2 to 3 kg/granule, typical**	Single-granule crush test
Anti-caking treatment	-	**Available on request**	-
Solubility	-	**Fully soluble in water**	-
Shelf life	-	**12 months from production, stored dry and covered**	-

SUPPLY AND PACKING

Bulk, big bags (typically 500 to 1,000 kg) and 50 kg bags, palletised for handling. FOB is quoted from Jebel Ali, Port Khalid and Sharjah Hamriyah; CFR and CIF are available on request. Country of origin and availability are confirmed at the enquiry stage.

DOCUMENTATION

Every shipment includes a Certificate of Analysis. Certificate of Origin and MSDS are available on request. Destination-specific import or phytosanitary documentation is confirmed where applicable.

NOTICE

Values are typical and published for reference; they are not a certificate of analysis. Agree the specification of the offered batch, the packing and any destination requirements before ordering.