



ROYAL GLOBAL ENERGY

RGE's core business Oil, Gas, Refining and Petrochemicals

Product Name: Granular Urea		
Characteristics	Test method	Product Specifications
Biuret	BS EN 15479, ISIRI 75	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, ISIRI 75	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), ISIRI75	0.2 - 0.4 % w
Total Nitrogen Content	ISO 5315, ISIRI 75	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 (m ³ /t)
Bulk Density (Loose/Tapped)	In house Method	(750/760) gr/Lit