

UREA Granular Specification

#	Property	Test Method	Value	Units
1	Nitrogen Content	ISO 5315	46% Min	Wt. %
2	Moisture	ISO 2753	0.5 Max	Wt. %
3	Biuret	ISO 2754	1.0 Max	Wt. %
4	Particle Size (2-4 mm)	ISO 8397	90 Min	Wt. %
5	Formaldehyde	BS 6806-1 :1987	0.55 Max (0.45-0.55)	Wt. %
6	Free ammonia	ASTM D-1067	<100	ppm
7	Color	Visually	white	*
8	Melting point	PIDEC	132.7	°C
9	Bulk density	ISO 3944	750-760	g/lit
10	ph. of 10% solution	ASTM D-1293	8.5-9.5	*
11	Crushing strength	PIDEC	3.0 kg(Di:3.15 mm)	kg
12	Size distribution	ASTM-E11	min 90%wt(2-4 mm)	Wt. %