



GRANULAR FEED GRADE UREA

46-0-0

<u>CHEMICAL ANALYSIS</u>	<u>MIN % by Wt</u>	<u>MAX % by Wt</u>	<u>TYPICAL</u>
Total Nitrogen	46.0%	46.3%	46.1%
Biuret	0.7%	1.7%	1.2%
Moisture	0.05%	0.2%	0.08%
Conditioning Agent	N/A	0.7%	0.5%

<u>PHYSICAL ANALYSIS</u>	<u>LOW/MIN</u>	<u>HIGH/MAX</u>	<u>TYPICAL</u>
Bulk Density (compacted)	40	48	45lbs/ft ³
Bulk Density (non-compacted)	N/A	N/A	N/A
Angle of Repose	22°	30°	25°
Size Guide Number (SGN)	115	130	125
Uniformity index (UI)	40	45	43
Sieve Analysis			
+9	0.0	0.1	<0.1
-9 to +12	17	36	23%
-12 to +16	51	48	57%
-16 to +28	30	14	20%
-28	2.0	0.1	<0.1

Solid urea is hygroscopic. To minimize the formation of lumps and cakes of urea, it is recommended to:

- Store urea in the range 10 – 30°C, with relative humidity below and close to 70%.
- Storage temperature must be as stable as possible.
- Minimize storage height.
- Avoid loading product during rain.
- Reduce fall height when handling product in bulk to minimize dust formation.

When handled and stored according to instructions shelf life is one year.