

**UREA
 Industrial Grade
 46-0-0**

Product Specifications



CHEMICAL ANALYSIS

	MIN	MAX	TYPICAL
TOTAL NITROGEN (wt. %N)	46.0		
BIURET (wt. %)		1.0	
CONDITIONER (wt. % as Methylene Di-Urea)			1.72
MOISTURE (wt. %H ₂ O)		0.15	
pH of 10% wt./wt. AQUEOUS SOLUTION	7.5	9.5	8.6
FREE AMMONIA (ppm NH ₃)		100	
IRON (ppm)			< 2.0
ASH (ppm)			< 40
COLOR (APHA Units; 10% Methanol Solution)			
TURBIDITY			
AMMONIUM SALTS			No Trace

PHYSICAL ANALYSIS

COLOR			White
ANGLE OF REPOSE (DEGREES)			28.0
BULK DENSITY (kg per m ³ /lbs per ft ³)			769/48
• LOOSE			
• TAPPED			801/50
SIZE GUIDE NUMBER (SGN)	240	280	260
UNIFORMITY INDEX			59

SCREEN ANALYSIS (% BY WEIGHT)

	<u>Tyler</u>	<u>Millimeters</u>			
	+ 6	3.35		4.0	4.0
	- 6 + 7	2.80			28.0
	- 7 + 8	2.36			38.0
	- 8 + 9	2.00			24.0
	- 9 +10	1.70			5.0
	-10 +14	1.18			1.0
	-14	<1.18			Trace

Please obtain a Material Safety Data Sheet for more information.

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