

Urea Microprill Feed Grade

CHEMICAL ANALYSIS

Component/Equivalent	Units	Minimum	Typical
Total Nitrogen	wt. % N	46.0	46.0 - 46.2
Biuret	wt. %	-	1.0 - 1.5
Conditioner (Methylene Di-Urea)	wt. %	-	1.5 - 2.0
Moisture	wt. % H ₂ O	-	0.2 - 0.9
pH of Aqueous Solution	10% wt./wt.	-	8.6 - 8.8
Free Ammonia	ppm NH ₃	-	130-190

PHYSICAL ANALYSIS

Parameter	Units	Range	Typical
Color	-	-	White
Angle of repose	degrees	-	29
Bulk Density (Loose)	kg/m ³ - lb/ft ³	-	760/47
Bulk Density (Tapped)	kg/m ³ - lb/ft ³	-	809/50
Size Guide Number (SGN)	-	-	76
Uniformity Index	-	-	42

PARTICLE SIZE DISTRIBUTION

	Tyler Mesh	US Mesh	mm Mesh	Typical wt. %
Retained on . . .	14	16	1.180	4.0
	20	20	0.853	36.0
	28	30	0.599	85.0
	35	40	0.422	99.0
	48	50	0.297	99.8
	60	60	0.251	99.9
Passing through . . .	60	60	0.251	Trace

Please obtain a Safety Data Sheet for more information.

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