Effective: January 3, 2008
Location: Carseland

ESN

POLYMER COATED UREA
44-0-0
270 SGN

CHEMICAL ANALYSIS	MINIMUM	MAXIMUM	TYPICAL
Total Nitrogen (wt. %N)	44.0		
Urea Nitrogen (wt. %N)	44.0		
Biuret (wt. %)			1.3
Conditioner (wt.% as Methylene Di-Urea)			1.2
Moisture (wt. %H_2O)			0.08
pH of 10% wt./wt. Aqueous Solution			7.0
Coating Weight (wt. %)			3.3

PHYSICAL ANALYSIS

Color (L.A.B.)	Green
Angle of Repose (Degrees)	19.6
Bulk Density - Loose (kg per m^3/lbs per ft^3)	769/48
Size Guide Number (SGN)	270

AQUEOUS RELEASE ANALYSIS

Estimated days to 80% Release (23ºC, 73ºF) (as manufactured and shipped)	40	90

Screen Analysis (% by Weight)

Tyler	Millimeters	Cumulative %
+6	3.35	0.8
+7	2.80	18.1
+8	2.36	87.9
+9	2.00	99.7
+10	1.70	100.0

Please obtain a Material Safety Data Sheet for more information.

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