



# Duration 75

## POLYMER COATED UREA

### 44-0-0

### 270 SGN

<u>CHEMICAL ANALYSIS</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>TYPICAL</u>
Total Nitrogen (wt. %N)	44.0	44.5	
Urea Nitrogen (wt. %N)	44.0	44.5	
Biuret (wt. %)			1.3
Conditioner (wt.% as Methylene Di-Urea)			1.2
Moisture (wt. %H <sub>2</sub> O)			0.08
pH of 10% wt./wt. Aqueous Solution			7.0
Coating Weight (wt. %)			4.0
<u>PHYSICAL ANALYSIS</u>			
Color (L.A.B.)			Tan
Angle of Repose (Degrees)			30
Bulk Density - Loose (kg per m <sup>3</sup> /lbs per ft <sup>3</sup> )			769/48
Size Guide Number (SGN)			270
<u>AQUEOUS RELEASE ANALYSIS</u>			
Estimated days to 80% Release (23°C, 73°F) (as manufactured and shipped)	60	100	
Screen Analysis (% by Weight)			
	<u>Tyler</u>	<u>Millimeters</u>	<u>Cumulative %</u>
	+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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