



DURATION CR

Issue: 2.03
Effective: Apr 30, 2005
Location: Carseland Production
MN-158

POLYMER COATED UREA

Type I 43-0-0 270 SGN

<u>CHEMICAL ANALYSIS</u>	<u>MIN</u>	<u>MAX</u>	<u>TYPICAL</u>
TOTAL NITROGEN (wt. %N)	43.0		
• UREA NITROGEN (wt % N)	43.0		
BIURET (wt. %)			1.3
CONDITIONER (wt. % as Methylene Di-Urea)			1.2
MOISTURE (wt. %H ₂ O)			0.08
pH of 10% wt./wt. AQUEOUS SOLUTION			7.0
COATING WEIGHT (wt. %)			4.0

PHYSICAL ANALYSIS

COLOR			tan
ANGLE OF REPOSE (Degrees)			30
BULK DENSITY (kg per m ³ /lbs per ft ³)			
• LOOSE			769/48
SIZE GUIDE NUMBER (SGN)			270

AQUEOUS RELEASE ANALYSIS

ESTIMATED DAYS TO 80% RELEASE (23°C)	30	60
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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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