



## DURATION CR

Issue: 2.03  
Effective: Apr. 30, 2005  
Location: Carseland Production  
MN-161

### POLYMER COATED UREA Type IV 43-0-0 270 SGN

<b><u>CHEMICAL ANALYSIS</u></b>	<b><u>MIN</u></b>	<b><u>MAX</u></b>	<b><u>TYPICAL</u></b>
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 <sub>2</sub> 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 <sup>3</sup> /lbs per ft <sup>3</sup> )			
• LOOSE			769/48
SIZE GUIDE NUMBER (SGN)			270

### **AQUEOUS RELEASE ANALYSIS**

ESTIMATED DAYS TO 80% RELEASE (23°C)	120	150
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### SCREEN ANALYSIS (% BY WEIGHT)

<u>Tyler</u>	<u>Millimeters</u>	<u>Cumulative %</u>
+6	3.35	0.6
+7	2.80	18.1
+8	2.36	87.9
+9	2.00	99.7

Please obtain a Material Safety Data Sheet for more information.

To the best of the Manufacturer's knowledge and belief the information contained herein is accurate and reliable as of the date compiled. However, the Manufacturer makes no representation, warranty or guarantee as to the information's accuracy, reliability, completeness or timeliness. It is the user's responsibility to determine the suitability and completeness of such information for the user's own particular use or purposes. The Manufacturer does not accept any liability for any loss or damage that may occur from any use of this information.

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+10

1.70

100.0

**Please obtain a Material Safety Data Sheet for more information.**

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