

PRODUCT SPECIFICATIONS



DURATION® 45 Polymer Coated Urea 44-0-0 SGN 270

LABEL GUARENTEED ANALYSIS – 44-0-0

Total Nitrogen (N)	44.0 - 44.5%
44.0 - 44.5% Urea (N)	
Biuret	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	3.2%

PHYSICAL CHARACTERISTICS

Color (L.A.B.)	Tan
Angle of Repose (Degrees)	30
Bulk Density - Loose (kg per m ³ /lbs per ft ³)	769/48
Size Guide Number (SGN)	270

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

AQUEOUS RELEASE ANALYSIS

Estimated days to 80% Release (23°C, 73°F) 30 (minimum) 60 (maximum)
(as manufactured and shipped).

Please obtain a Material Safety Data Sheet for more information.

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