



Shrewsbury MA 01545 - www.leedsalt.com

Product Technical Data Sheet

Product Name: Leed Melt G500
Description: Treated Rock Salt
Uses: Enhanced De-Icing
Physical Information: Solid Granular, Light Green Color
Additives: Magnesium Chloride, Corrosive Inhibitors & Anticaking Agent Sodium Ferrocyanide

ITEM:	TYPICAL RESULT	UNITS	TEST METHOD
Moisture	2.0 - 3.0	%	ASTM E534
Sodium Chloride	97.0 - 98.0	%	ASTM 534/632
Corrosion Rate	62.3 to 68	%	NACE PNS
Arsenic, As	< 1.0	Mg/l	EPA 200.7
Barium, Ba	< 0.50	Mg/l	EPA 200.7
Cadmium, Cd	< 0.05	Mg/l	EPA 200.7
Calcium, Ca	0.14 - 0.15	% Wt	EPA 200.7
Chromium, Cr	< 0.5	Mg/l	EPA 200.7
Copper, CU	0.1 - 0.8	Mg/l	EPA 200.7
Lead, Pb	< 0.5	Mg/l	EPA 200.7
Magnesium, Mg	0.23 - 0.25	% Wt	EPA 200.7
Mercury, Hg	<0.02	Mg/l	EPA 245.1
Selenium, Se	< 1.0	Mg/l	EPA 200.7
Zinc, Zn	0.1 - 0.3	Mg/l	EPA 200.7
Total Phosphate (as P)	< 5	Mg/l	EPA 365.4
Cyanide, Total	0.005 - 0.14	Mg/l	EPA 335.4
Sulfate, SO4	< 0.4	% Wt	EPA 300.0

SIEVE ANALYSIS:			
Gradation, % WT Passing #30 Sieve	0.0 - 10.0	%	ASTM D632
Gradation, % WT Passing #8 Sieve	10.0 - 50.0	%	ASTM D632
Gradation, % WT Passing #4 Sieve	20.0 - 80.0	%	ASTM D632
Gradation, % WT Passing 1/2" Sieve	100.0	%	ASTM D632

Leed Salt: July 1, 2023

DISCLAIMER: LEED Salt certifies that the information contained on this Data Sheet is accurate based on numerous certified independent laboratory testing analyses. However, the data and information are presented without any representation of guaranty or warranty, expressed or implied, regarding the accuracy or correctness. LEED Salt does not assume responsibility and expressly disclaims any liability for loss, damage, injury or expense arising out of or in any way connected with the handling, storage or use or disposal of this product.