

Discovering what's possible with calcium

### PRODUCT DESCRIPTION

Granular Standard Quicklime is a high calcium oxide produced and sold in several sizes. Granular Quicklime is used in flue gas desulfurization, water and waste water treatment, steel, paper, chemical, and environmental applications.

TYPICAL CHEMICAL PROPERTIES	
CaO - Total	97.0%
CaO - Available	94.0%
LOI	0.75%
Acid Insoluble Substances	0.6%
MgO	0.75%
Al <sub>2</sub> O <sub>3</sub>	0.11%
Fe <sub>2</sub> O <sub>3</sub>	0.11%
SiO <sub>2</sub>	0.7%
S	0.05%
P <sub>2</sub> O <sub>5</sub>	80 ppm
MnO	23 ppm

TYPICAL PHYSICAL PROPERTIES	
Specific Gravity	3.3
pH	12.4
BET Surface Area	2.0 m <sup>2</sup> /g
Apparent Dry Bulk Density - Loose	40 lbs./ft <sup>3</sup>
Apparent Dry Bulk Density - Packed	60 lbs/ft <sup>3</sup>
Reactivity 30 sec.	33 °C
Reactivity 180 sec.	53 °C
Total Temperature Rise	55 °C
Total Reactivity Time	240 sec
Reactivity: 30 mesh residue	1.0%

- ✓ Meets the AWWA standard B202-02
- ✓ Meets AASHTO standard M216-05
- ✓ Certified to NSF standard 60
- ✓ Certified to ASTM standards:
- ✓ C977-03, C911-06, C602-06a,
- ✓ C821-78, C5-03

PRODUCT SIZE GRADATION
Top 3/8" – Bottom 0"



Telephone: 800.437.5463  
 Contact: sales@mississippilime.com  
 Web site: www.mississippilime.com

All information provided and recommendations made herein are intended to assist customers in determining whether our products are suitable for their applications. We request that customers inspect and test our products before use in order to make their own final decision regarding suitability. We do not guarantee results, freedom from patent infringement, or suitability of resultant products for any suggested application with respect to the use of any formula or material described herein.