

Quicklime Granular

Ste. Genevieve, MO

Calcium Oxide

PRODUCT DESCRIPTION

Quicklime Granular is a high calcium oxide product. Quicklime Granular is used in flue gas desulphurization, soil stabilization, water and wastewater treatment, steel, paper, chemical, and environmental applications.

TYPICAL CHEMICAL PROPERTIES	
CaO - Total	98.1%
CaO - Available	96.0%
CO ₂	0.4%
LOI	0.8%
MgO	0.7%
Al ₂ O ₃	0.17%
Fe ₂ O ₃	0.13%
SiO ₂	0.7%
Sulfur (S)	0.05%
P ₂ O ₅	200 ppm
MnO	35 ppm

TYPICAL PHYSICAL PROPERTIES	
Specific Gravity	3.3
pH	12.45
BET Surface Area	2.0 m ² /g
Apparent Dry Bulk Density - Loose	40 lbs./ft ³
Apparent Dry Bulk Density - Packed	60 lbs./ft ³
Reactivity 30 sec.	27°C
Reactivity 180 sec.	48°C
Total Temperature Rise	52°C
Total Reactivity Time	350 sec
Reactivity: 30 mesh residue	2%

- ✓ Meets the AWWA standard B202-19
- ✓ Meets AASHTO standard M216-05
- ✓ Certified to ASTM standards C977-18, C911-19, C5-18

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



Certified to
NSF/ANSI/CAN 60



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