

Discovering what's possible with calcium

PRODUCT DESCRIPTION

Standard Quicklime is a high calcium oxide produced and sold in several sizes. Granular Quicklime is used in flue gas desulphurization, soil stabilization, water and waste water 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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