



Pulverized Quicklime

Calcium Oxide

Discovering what's possible with calcium

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Pulverized Quicklime is a milled quicklime that can be applied in many chemical and industrial applications where a small particle size and consistent quality are required. The consistency of Pulverized Quicklime makes it ideal as a raw material for fiberglass, glass and steel applications.

TYPICAL CHEMICAL PROPERTIES	
CaO - Total	97.3%
CaO - Available	94.5%
LOI	1.0%
Acid Insoluble Substances	0.2%
MgO	0.54%
Al ₂ O ₃	0.08%
Fe ₂ O ₃	0.06%
SiO ₂	0.6%
S	0.03%
P ₂ O ₅	117 ppm
MnO	21 ppm

TYPICAL PHYSICAL PROPERTIES	
Specific Gravity	3.3
Median Particle Size	3 micron
pH	12.4
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.	33°C
Reactivity 180 sec.	53°C
Total Temperature Rise	55°C
Total Reactivity Time	240 sec.

- ✓ Meets the AWWA standard B202-13
- ✓ Certified to NSF standard 60
- ✓ Certified to ASTM standards:
- ✓ C977-03, C911-06, C602-06a,
- ✓ C821-78, C5-03

PRODUCT SIZE GRADATION	
-100 Mesh (150 µm)	99.9%
-200 Mesh (75 µm)	99.8%
-325 Mesh (45 µm)	99.0%



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