

Discovering what's possible with calcium

PRODUCT DESCRIPTION

Pulverized Quicklime 100 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 100 makes it ideal as a raw material for fiberglass, glass, soil stabilization and steel applications.

TYPICAL CHEMICAL PROPERTIES	
CaO - Total	98.0%
CaO - Available	95.8%
CO ₂	0.4
LOI	0.8%
MgO	0.8%
Al ₂ O ₃	0.17%
Fe ₂ O ₃	0.12%
SiO ₂	0.8%
Sulfur (S)	0.04%
P ₂ O ₅	200 ppm
MnO	35 ppm

TYPICAL PHYSICAL PROPERTIES	
Specific Gravity	3.3
Median Particle Size	6 micron
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.	33°C
Reactivity 180 sec.	53°C
Total Temperature Rise	55°C
Total Reactivity Time	290 sec.

- ✓ Meets the AWWA standard B202-19
- ✓ Certified to ASTM standards:
C977-18, C911-19, C602-20, C5-18

PRODUCT SIZE GRADATION	
-100 Mesh (150 µm)	99%
-200 Mesh (75 µm)	85%



Certified to
NSF/ANSI/CAN 60



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

All information provided and recommendations made herein are intended to assist customers in determining whether our products are suitable for their applications. The values associated with all chemical and physical properties herein are typical values and are not intended to be used as product specifications or guarantees. ALL EXPRESS AND IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. 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.