

Quicklime Pulverized

Calcium Oxide

PRODUCT DESCRIPTION

Quicklime Pulverized 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 Quicklime Pulverized 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 | 0.5% |
| LOI | 0.9% |
| MgO | 0.7% |
| Al ₂ O ₃ | 0.17% |
| Fe ₂ O ₃ | 0.12% |
| SiO ₂ | 0.7% |
| Sulfur (S) | 0.04% |
| P ₂ O ₅ | 200 ppm |
| MnO | 35 ppm |

| TYPICAL PHYSICAL PROPERTIES | |
|------------------------------------|-------------------------|
| Specific Gravity | 3.3 |
| Median Particle Size | 4 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. | 28°C |
| Reactivity 180 sec. | 55°C |
| Total Temperature Rise | 57°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) | 99.9% |
| -200 Mesh (75 µm) | 99.5% |
| -325 Mesh (45 µm) | 98% |



Certified to
NSF/ANSI/CAN 60



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

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