



Discovering what's possible with calcium

Flow Treat Pulverized Quicklime Calcium Oxide

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Flow Treat Pulverized Quicklime is a milled quicklime that has been designed for excellent flow characteristics as well as consistent physical and chemical properties. The consistency of Flow Treat Pulverized Quicklime makes it ideal as a raw material for fiberglass and steel applications.

| TYPICAL CHEMICAL PROPERTIES | |
|--------------------------------|--------|
| CaO - Total | 97.5% |
| CaO - Available | 95.7% |
| LOI | 0.75% |
| Acid Insoluble Substances | 0.5% |
| MgO | 0.8% |
| Al ₂ O ₃ | 0.12% |
| Fe ₂ O ₃ | 0.07% |
| SiO ₂ | 0.85% |
| Crystalline Silica | <0.1% |
| S | 0.03% |
| P ₂ O ₅ | 0.15% |
| 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 |
| Flowability (Flodex) | 7 mm |
| Apparent Dry Bulk Density - Loose | 38 lbs./ft ³ |
| Apparent Dry Bulk Density - Packed | 70 lbs/ft ³ |
| +20 Mesh (840 μm) | 0.0% |
| +60 Mesh(250 μm) | 0.1% |
| -100 Mesh (150 μm) | 98.5% |
| -140 Mesh (106 μm) | 97.5% |
| -200 Mesh (75 μm) | 94.0% |
| -325 Mesh (45μm) | 86.5% |
| Reactivity 30 sec. | 22°C |
| Reactivity 180 sec. | 52°C |
| Total Temperature Rise | 54°C |
| Total Reactivity Time | 450 sec. |



tel: 800.437.5463
email: sales@mississippilime.com
www.mississippilime.com

All information provided and recommendations made herein are intended to assist customers in determining whether our products are suitable for their applications. 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.