

## FEATURES

- ▶ High quality calcium carbonate
- ▶ Dust-free
- ▶ Free-flowing

## BENEFITS

- ▶ Used in a variety of industrial applications and can be easily slaked with water to produce calcium hydroxide in the form of a milk-of-lime slurry.
- ▶ Industrial applications include acid neutralization, causticizing, calcium hypochlorite, and many more.

## SHIPPING INFORMATION

Quicklime products ship from Adams, MA.

Product is available in 50 lb. bags and supersacks.

For availability and minimum order quantity, contact customer service.

## SALES OFFICES

Adams, MA

877-684-7267

Bethlehem, PA, USA

800-801-1031

[www.mineralstech.com](http://www.mineralstech.com)

# QUICKLIME-CHEMICAL GRADE (ADAMS, MA)

## High Calcium Granular Industrial Quicklime

### Product Description

High Calcium Granular Industrial Quicklime is manufactured by Specialty Minerals from a deposit of high quality calcium carbonate at our facility in Adams, MA. This material is produced in a fluo-solide type kiln which yields a granular quicklime of high reactivity that is dust free and free-flowing.

Chemical Grade Quicklime is used in many industrial applications. It can be easily slaked with water to produce calcium hydroxide in the form of a milk-of-lime slurry. Industrial applications include: acid neutralization, causticizing, calcium hypochlorite bleaching, and calcium silicate manufacture, as well as flue gas desulfurization, waste and sewage treatment, and water purification.

### Typical Physical Properties\*

Sieve Size (retained on 10 mesh)	Trace
(retained on 100 mesh)	98%
Available Lime Index (ASTM C25)	95%
Bulk Density (lbs/ft <sup>3</sup> )	70
(grams/cc)	1.12
Water Reactivity (ASTM C110) (30 Second temp rise)	34°C

### Chemical Composition (Typical)

Magnesium Carbonate (MgO)	0.8%
Total Calcium Oxide (CaO)	96%
Iron as (Fe <sub>2</sub> O <sub>3</sub> )	0.10%
Loss On Ignition (L.O.I.)	0.10%

\*Values listed are typical, not to be considered as specifications of the product.

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