

QUICKLIME–METALLURGICAL GRADE

(Adams, MA) high calcium metallurgical grade quicklime

High Calcium Metallurgical Grade 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-solid type kiln which yields a granular quicklime of high reactivity that is dust free and free-flowing.

Metallurgical Grade Quicklime’s high reactivity and low impurity levels make it suitable for many steel desulfurization applications.

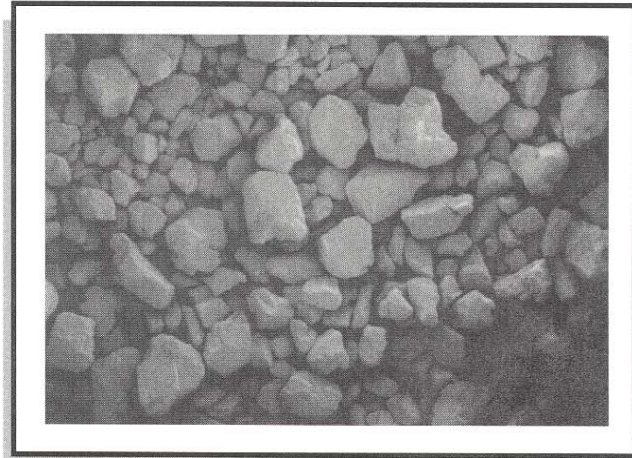
Typical Properties

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

Chemical Composition

(typical)

Total Calcium Oxide	CaO	96%
Magnesium Oxide	MgO	0.8%
Iron as	Fe ₂ O ₃	0.10%
Carbon	C	<0.07%
Sulfur	S	<0.05%
Loss On Ignition	L.O.I.	0.10%



CAUTION: Quicklime is a strongly alkaline material. Contact with skin and eyes will cause irritation and possible corrosion damage. Inhalation of dust may cause coughing, sneezing, and inflammation of the respiratory passages.

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