



Quicklime Pulverized Flow Treat

Calcium Oxide

TECHNICAL DATA SHEET

Product Description

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

Typical Chemical Properties

CaO – Available	95%
CaO - Total	98.0%
Carbon Dioxide (CO ₂)	0.6%
LOI	1.0%
Magnesium Oxide (MgO)	0.8%
Alumina (Al ₂ O ₃)	0.2%
Iron (Fe ₂ O ₃)	0.1%
Silica (SiO ₂)	0.8%
Sulfur (S)	0.04%
Phosphorus Oxide (P ₂ O ₅)	170 ppm
Manganese Oxide (MnO)	30 ppm

Typical Physical Properties

Specific Gravity	3.3
pH	12.45
BET Surface Area	2.0 m ² /g
Apparent Dry Bulk Density – Loose	38 lbs./ft ³
Apparent Dry Bulk Density - Packed	60 lbs./ft ³
Reactivity 30 sec.*	33 °C
Reactivity 180 sec.*	54 °C
Total Temperature Rise*	55 °C
Total Reactivity Time*	280 sec

Product Size Graduation

+20 Mesh (840 µm)	0.0%
+60 Mesh (250 µm)	0.1%
-100 Mesh (150 µm)	98.5%
-200 Mesh (74 µm)	87%

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