

Discovering what's possible with calcium

## PRODUCT DESCRIPTION

Standard Hydrated Lime is a refined hydrate that has a small median particle size, good flow properties, high surface area, and high total & available Ca(OH)<sub>2</sub>. Standard Hydrated Lime is used in flue gas treatment (for the control of SO<sub>2</sub> and SO<sub>3</sub> emissions), water and waste water treatment, acid neutralization, construction and other environmental applications.

TYPICAL CHEMICAL PROPERTIES	
Ca(OH) <sub>2</sub> - Total	98.0%
Ca(OH) <sub>2</sub> - Available	96.8%
CO <sub>2</sub>	0.5%
Free Moisture	0.7%
CaSO <sub>4</sub>	0.1%
Sulfur - Equivalent	240 ppm
Crystalline Silica	<0.1%
SiO <sub>2</sub>	0.5%
Al <sub>2</sub> O <sub>3</sub>	0.2%
Fe <sub>2</sub> O <sub>3</sub>	0.06%
MgO	0.4%
P <sub>2</sub> O <sub>5</sub>	100 ppm
MnO	25 ppm

TYPICAL PHYSICAL PROPERTIES	
Specific Gravity	2.34
Dry Brightness, G.E.	92.0
Median Particle Size - Sedigraph	2 micron
pH	12.4
-100 Mesh (150 µm)	100.0%
-200 Mesh (75 µm)	99.0%
-325 Mesh (45 µm)	94.0%
Apparent Dry Bulk Density - Loose	22 lbs./ft <sup>3</sup>
Apparent Dry Bulk Density - Packed	35 lbs/ft <sup>3</sup>

- ✓ Meets the AWWA standard B202-13
- ✓ Meets AASHTO standard M303-89
- ✓ Certified to NSF standard 60
- ✓ Certified to ASTM standards:
  - C977-03
  - C1097-06a
  - C207-06 (type N only)
  - C911-06



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