

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)₂. Standard Hydrated Lime is used in flue gas treatment (for the control of SO₂ and SO₃ emissions), water and waste water treatment, acid neutralization, construction and other environmental applications.

TYPICAL CHEMICAL PROPERTIES	
Ca(OH) ₂ - Total	98.6%
Ca(OH) ₂ - Available	96.9%
CO ₂	0.5%
Free Moisture	0.7%
Crystalline Silica	<0.1%
SiO ₂	0.6%
Al ₂ O ₃	0.1%
Fe ₂ O ₃	0.09%
MgO	0.4%
P ₂ O ₅	100 ppm
MnO	25 ppm

TYPICAL PHYSICAL PROPERTIES	
Specific Gravity	2.34
Dry Brightness, G.E.	92
Median Particle Size	2 micron
pH	12.4
-100 Mesh (150 μm)	99.9%
-200 Mesh (75 μm)	99%
-325 Mesh (45 μm)	96%
Apparent Dry Bulk Density - Loose	22 lbs./ft ³
Apparent Dry Bulk Density - Packed	35 lbs./ft ³

- ✓ Meets the AWWA standard B202-19
- ✓ Meets AASHTO standard M303-89
- ✓ Certified to ASTM standards:
 - C977-18
 - C1097-19
 - C207-18 (Type N only)
 - C911-19



Certified to
NSF/ANSI/CAN 60



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