

PRODUCT DESCRIPTION

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. Hydrated Lime is used in flue gas treatment (for the control of SO₂ and SO₃ emissions), water and wastewater 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



Telephone: 800.437.5463
Contact: sales@mlc.com
Web site: www.mlc.com

All information provided and recommendations made herein are intended to assist customers in determining whether our products are suitable for their applications. The values associated with all chemical and physical properties herein are typical values and are not intended to be used as product specifications or guarantees. ALL EXPRESS AND IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. We request that customers inspect and test our products before use in order to make their own final decision regarding suitability. We do not guarantee results, freedom from patent infringement, or suitability of resultant products for any suggested application with respect to the use of any formula or material described herein.