



Hydrated Lime SP

Calcium Hydroxide

TECHNICAL DATA SHEET

Product Description

Hydrated Lime SP is used in water and waste water treatment, acid neutralization, construction and environmental applications, and for chemical processing applications requiring high purity, high quality lime. MLC has become the industry standard of quality for these applications as well as many other industrial uses.

Typical Chemical Properties

Ca(OH) ₂ - Total	98.7%
Ca(OH) ₂ - Available	97%
Calcium (Ca)	53.4%
Free Moisture	0.5%
CO ₂	0.5%
Magnesium (MgO)	0.5%
Silicon (SiO ₂)	0.6%
Crystalline Silica	<0.1%
Aluminum (Al ₂ O ₃)	0.1%
Iron (Fe ₂ O ₃)	0.06%

Typical Physical Properties

Specific Gravity	2.3
Median Particle Size	2 µm
pH	12.4
-100 Mesh (149 µm)	99.8%
-200 Mesh (74 µm)	99%
-325 Mesh (45 µm)	97%
Apparent Bulk Density (Loose)	22 lbs./ft ³
Apparent Bulk Density (Packed)	35 lbs./ft ³

Available Certifications

- ✓ 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

mlc.com

sales@mlc.com | 800.437.5463

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