



TECHNICAL DATA SHEET

Hydrated Lime (Calcium Hydroxide)

Product Description: Hydrated Lime or Calcium Hydroxide or Slaked Lime, is a colourless crystal or white powder obtained by the action of water on calcium oxide. It has small median particle size, good flow properties, high surface area and high Ca(OH)₂ purity.

Manufacturer: HUONG HAI GROUP CO., LTD.
Website: www.vietnamlime.com

TYPICAL CHEMICAL PROPERTIES			Test Methods
Ca(OH) ₂ - Total	96.08	%	ASTM C25
CaO	73.09	%	ASTM C25
SiO ₂	0.063	%	ASTM C25
MgO	0.250	%	ASTM C25
Fe ₂ O ₃	0.032	%	ASTM C1301
Al ₂ O ₃	0.015	%	ASTM C1301
Na ₂ O	0.020	%	ASTM C131
K ₂ O	0.005	%	ASTM C131
MnO	0.002	%	ASTM C1301
P ₂ O ₅	0.004	%	ASTM C25
SO ₃	0.030	%	By CS230 - Analyser
S	0.013	%	By CS230 - Analyser

TYPICAL PHYSICAL PROPERTIES			Test Methods
Surface Area (BET)	15 - 22	m ² /g	EN 459-2
Bulk Density	500 - 900	kg/m ³	EN 459-2
Brightness	95	%	EN 459-2
Min. Top Cut	10	µm	EN 459-2

Applications: Hydrated Lime is often used in Acid Neutralisation, Agriculture, Bio-plastic, Desalination Plant, Flue Gas Treatment (for the control of SO₂ and SO₃ emissions), Incinerator, Mortars, Non-ferrous Metals, Construction, Sugar Refining, Water and Wastewater Treatment.

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All information provided herein is intended to assist customers in determining whether our products are suitable for their applications. We would advise customers to inspect and test our products before use in order to make their own final decision regarding the suitability of our products. 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.