



105-3502 Taylor Street East
 Saskatoon, SK S7H 5H9
 Phone: (306) 373-2972
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Limestone (“0” Grind)

A fine grained, white powdery product derived from crushing and grinding light to dark grey, granular high-calcium limestone rocks composed primarily of calcium carbonate (CaCO₃).

High calcium limestone is used in agriculture for the liming of soils, in feed supplements for poultry and livestock, as poultry grit and as a component in commercial fertilizers.

Typical Composition and Chemical Properties

(%)	
Calcium Carbonate (CaCO ₃)	97.0
Total calcium as calcium (Ca)	38.8
Magnesium Carbonate (MgCO ₃),	1.3
Total magnesium as magnesium (Mg)	0.4
Silica (SiO ₂)	1.1
Ferric oxide (Fe ₂ O ₃)	0.08
Alumina (Al ₂ O ₃)	0.1
Total Sulfur (S)	0.03
Loss on ignition	43.8
pH (saturated solution) (25°C)	11.4
Free Moisture (H ₂ O)	0.5
Specific Gravity (pure calcite)	2.71
Solubility in Water (25°C, g/l)	0.014 – 0.015
pH (saturated solution) (25°C)	9.4

Product Sizing and Bulk Density

<u>Sieve,</u> <u>(mm)</u>	<u>Sieve, USA N°</u>	<u>Bulk Density, (kg/m³)</u>	<u>Bulk Density, (lb/pi³)</u>	<u>% PASSING</u>
0.425	40	1440 – 1690	90 – 105	99

Packaging

Bulk, super sacks and 25 kg bags.

TO ORDER PLEASE CALL: NEXUS AG (866) 373-2972