

-500µm FINE AGLIME HIGH CALCIUM LIMESTONE

Nominal size: – 250µm

Riverton, New South Wales

PRODUCT DESCRIPTION

An off white microcrystalline pure limestone grit produced from a high-purity limestone deposit by quarrying, crushing and sizing operations. A sedimentary rock composed primarily of calcium carbonate (CaCO_3). Graymont Australia actively manages a Quality Management System certified to ISO9001:2015.

TYPICAL CHEMICAL PROPERTIES

(LMM 8.5)

Calcium Carbonate (CaCO_3) (%)	98.6
Calcium (Ca) %	39.5
Magnesium Carbonate (MgCO_3) (%)	0.7
Magnesium (Mg) %	0.2
Silica (SiO_2) (%)	0.5
Ferric Oxide (Fe_2O_3) (%)	<0.1
Alumina (Al_2O_3) (%)	<0.1

TYPICAL PHYSICAL PROPERTIES

(LMM 2.10a)

Bulk Density			
▲ Compacted, (kg/m^3)			1780
▲ Neutralising Value			99
Heavy Metals			
HM	mg/kg	HM	mg/kg
As	<1	Pb	<0.5
Ba	2.9	Hg	0.03
Cd	0.6	Mo	<0.5
Cr	4.2	Ni	<1
Cu	0.8	Se	<2

CLASSICAL REFERENCE DATA

(CRC Handbook of Chemistry and Physics, Boynton)

Specific Gravity (Pure calcite)	2.71
Solubility in Water (25 °C) (mg/l)	14
pH (Saturated solution) (25 °C)	8 – 9
Crushing Strength (MPa)	8.3 – 195.8
Hardness (Mohs)	2 – 4
Specific Heat (38 °C) ($\text{cal/g}\cdot^\circ\text{C}$)	0.114
Dielectric Constant	8 – 12

SIZE DISTRIBUTION

(LMM 2.5a)

Sieve (µm)	% Passing
500	98.3
300	91.7
180	76.6
90	55.9
53	42.3

NOTICE

The test data herein is based on average results on production samples. Product shipments are subject to normal variation. Accordingly, test data cannot be taken as establishing maximum or minimum specifications. Product Code: 3441 (Bulk)

For Customer Service - 1800 931 063 or Customersupportanz@graymont.com