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TECHNICAL DATA SHEET

CALCITIC LIMESTONE

USES

LIMESTONE is used in a variety of industrial products, including the manufacture of window putty, as filler in paints, as additive in mortars and grouts and as natural fertilizer in agricultural applications.

PRODUCT DESCRIPTION

LIMESTONE is predominantly calcium carbonate (CaCO_3) produced from naturally occurring calcite mineral deposits.

PHYSICAL PROPERTIES

Property	Value
Colour	: Light cream
pH (5 % in H ₂ O)	: 8-13
Bulk density	: 0.95 – 1.2 g/cm ³
Moisture (dried at 120 C)	: < 2 %
Sieve grading (106-micron)	: 0-6 % retained
Sieve grading (75-micron)	: 1-12 % retained
Sieve grading (50-micron)	: 3-15 % retained

TYPICAL CHEMICAL PROPERTIES

Chemical	%
SiO ₂	5.58
Al ₂ O ₃	0.70
CaO	51.97
Fe ₂ O ₃	0.42
MgO	0.70
Na ₂ O	0.04
LOI	40.60

TYPICAL MINERALOGY

Mineral	%
Calcite	>90.00
Quartz	<8.00

PACKAGING

40 kg paper bags
1000kg bulk bags
Tanker loads

STORAGE

Must be stored in a moisture-free zone.

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