

May 18
Sheet 005

ANALYSIS SHEET

Product

LIMESTONE COARSE WHITING

Chemical Analysis (Typical Values)

Calcium Oxide	CaO	54.3 %
Calcium Carbonate (equivalent)	CaCO ₃	97.0 %
Loss on Ignition		42.0 %
Acid Insoluble Ash		Less than 3.0%
Silicon Dioxide	SiO ₂	2.8 %
Copper	Cu	5 to 9 ppm
Manganese	Mn	200-400 ppm
Lead	Pb	Less than 15 ppm
Arsenic	As	Less than 1ppm
Fluoride	(as F)	Less than 350 ppm
Dioxins		Less than 0.3 ppb
Volatiles by Volume		0%

Physical Analysis

Moisture Content	0.2 %
Bulk Density	Approx 1.0 tonne m ⁻³
Solid Density	2.63 tonne m ⁻³
Abrasion Index	Less than 0.2
Surface Hardness	3 to 4 Moh
Mean ACV	Less than 28%

Properties

Appearance	White powder,
Melting Point	825 °C
Solubility	~1 mg in 100 ml water

Typical Grading

% by weight undersize

150 µm	90
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MSDS available on request

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It should be noted that limestone is a naturally occurring product and as such minor variations between batches are inevitable.