

May 18  
Sheet 032

### ANALYSIS SHEET

#### Product

LIMESTONE GRIT 4 mm

#### Chemical Analysis (Typical Values)

Calcium Carbonate (equivalent)	CaCO <sub>3</sub>	97.0 %
Calcium Oxide	CaO	54.3 %
Loss on Ignition		42.0 %
Acid Insoluble Ash		Less than 3.0%
Silicon Dioxide	SiO <sub>2</sub>	2.8 %
Water soluble Chlorides		<0.01%
Volatiles by Volume		0%

#### Physical Analysis

Moisture Content	0.2 %
Bulk Density	Approx 1.4 tonne m <sup>-3</sup>
Solid Density	2.63 tonne m <sup>-3</sup>
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
4.0 mm	99.0 %
2.0 mm	13.0 %
1.18 mm	1.0 %

#### Handling Precautions

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.