

# Technical Datasheet



<b>Product</b>	High Calcium Material (Phoenix Mining Sample)	<b>Report No.</b>	P80712/H25 1011-225
<b>Form</b>	Lump (Block)	<b>Test Lab</b>	Foshan Ceramics Research Institute
<b>Origin</b>	China	<b>Test Standard</b>	GB/T 3286.1-2012

## Key Highlights (Quick View)

<b>CaO Content</b>	55.17%	<b>LOI</b>	43.92%
<b>MgO</b>	0.62%	<b>Al<sub>2</sub>O<sub>3</sub></b>	0.12%
<b>SiO<sub>2</sub></b>	0.13%	<b>Fe<sub>2</sub>O<sub>3</sub></b>	0.029%
<b>K<sub>2</sub>O + Na<sub>2</sub>O</b>	0.038%	<b>Material Type</b>	High Calcium Limestone

Note: Values are extracted from third-party laboratory test report.

## Technical Properties

### Physical Properties

Item	Value
Appearance	Lump / Block
Color	Light gray / off-white
Source	Industrial mineral material

### Main Chemical Composition

Component	Value
CaO (%)	55.17
LOI (%)	43.92
MgO (%)	0.62
Al <sub>2</sub> O <sub>3</sub> (%)	0.12
SiO <sub>2</sub> (%)	0.13
Fe <sub>2</sub> O <sub>3</sub> (%)	0.029
K <sub>2</sub> O + Na <sub>2</sub> O (%)	0.038

## Laboratory Test Results

Test Item	Unit	Result	Standard
CaO	%	55.17	GB/T 3286.2-2012
LOI	%	43.92	GB/T 3286.2-2012
MgO	%	0.62	GB/T 3286.2-2012
Al <sub>2</sub> O <sub>3</sub>	%	0.12	GB/T 3286.2-2012
SiO <sub>2</sub>	%	0.13	GB/T 3286.2-2012
Fe <sub>2</sub> O <sub>3</sub>	%	0.029	GB/T 3286.2-2012
K <sub>2</sub> O + Na <sub>2</sub> O	%	0.038	GB/T 3286.2-2012

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## Typical Applications

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- Cement and clinker raw mix adjustment
  - Steelmaking flux / slag conditioning
  - Construction material additive
  - High CaO blending material for industrial use
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## Remarks

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This datasheet is based on the third-party test report issued by Foshan Ceramics Research Institute Testing Co., Ltd. The results apply only to the tested sample and may vary depending on source and batch conditions.

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## Quality Control & Authorization

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Issued By	Company
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Quality Department	Tangshan Senlan Trading Co., Ltd.
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