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Plant
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PRODUCT TECHNICAL DATA

Calcined Missouri Flint Clay

Description: A calcined fireclay with high refractoriness, low alkalis and iron, and a low cristobalite content. This material is ideally suited for the refractory industry for manufacturing bricks, castable, and plastic. It is also used in the pottery and terra cotta industries as a grog in a variety of bodies formulations.

Physical Properties

PCE	33-34
Grain Density (BSG)	2.50-2.60
Density on Packed Grains	1.47 g/cc
Porosity	2.0-2.5%

Chemical Analysis

SiO ₂	50-55%
Al ₂ O ₃	40-45%
Fe ₂ O ₃	0.7- 1.7%
TiO ₂	2.0- 2.75%
K ₂ O	Trace - 1.5%
MgO	Trace - 0.7%
CaO	Trace - 0.5%
Na ₂ O	Trace - 0.5%
P ₂ O ₅	Trace - 0.71%

Packaging Bulk, Supersack, 50lb and 100lb bag

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