

Sales Office
P.O. Box 159
High Hill, MO 63350
Phone: (636) 585-2214
FAX: (636) 585-2220



Plant
833 Booneslick Rd
High Hill, MO 63350
Phone: (636) 585-2214
FAX: (636) 585-2220

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

The above data are based on controlled testing. Individual test results may vary. These data are for informational purposes only, may not be used for specification purposes, and do not form the basis of any warranty. NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, ARE MADE REGARDING THE DATA OR PRODUCTS SHOWN ABOVE, AND ALL SUCH WARRANTIES ARE HEREBY DISCLAIMED.