

Mt. Savage Firebrick

17901 Mt. Savage Road NW

Frostburg, MD 21532

Phone: (301) 689-1788 • Fax: (301) 689-1798

Scope:

A 50% high alumina brick that will find use in a variety of applications including roof suspensions, curtain walls, and safety linings in steel ladles.

PCE: 34 - 35

Chemical Analysis (Wt.% - Calcined Basis)

SiO ₂	44.4
Al ₂ O ₃	49.6
TiO ₂	2.1
Fe ₂ O ₃	1.5
CaO	0.4
MgO	0.3
P ₂ O ₅	0.5
Alkalies	1.2

CLASSIFICATION:

ASTM C-27

METHOD OF MANUFACTURE

Dry Press

MODULUS OF RUPTURE—PSI

1050—1250

APPARENT POROSITY %

17—20

COLD CRUSHING P. S. I.

3500—4500

BULK DENSITY—lbs/cu ft.

143—147

REHEAT TEST

Permanent change after 2910°F

1.0%—2.5%

The data given above are average results of our common sized products and are subject to variation. These results should not be used for specification purposes.