

Mt. Savage Firebrick

17901 Mt. Savage Road NW

Frostburg, MD 21532

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Product Data

Scope:

A 60% high alumina brick that will be used in roof suspensions, curtain walls, and safety linings in steel ladles.

PCE: 37

Chemical Analysis (Wt.% - Calcined Basis)

SiO ₂	33.11
Al ₂ O ₃	60.04
TiO ₂	3.18
Fe ₂ O ₃	1.63
CaO	1.06
MgO	Trace
P ₂ O ₅	0.5
Alkalies	.45

CLASSIFICATION:

ASTM C-27

METHOD OF MANUFACTURE

Dry Press

MODULUS OF RUPTURE—PSI

1100—1500

APPARENT POROSITY %

15—19

COLD CRUSHING P. S. I.

3500—6500

BULK DENSITY—lbs/cu ft.

151—157

REHEAT TEST

at 2910° F (1600°C)

1.50%—2.50%

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.