

Super Duty

Mt. Savage Firebrick

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Frostburg, MD 21532
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Product Data

Scope:

A super duty fireclay brick with excellent resistance to abrasion, spalling, and chemical attack. It will find use in general service applications where a super duty brick is required.

PCE: 33 - 34

Chemical Analysis (Wt.% - Calcined Basis)	
SiO ₂	53.56
Al ₂ O ₃	42.10
TiO ₂	1.96
Fe ₂ O ₃	1.17
MgO	0.10
P ₂ O ₅	.50
Alkalies	.61

<u>CLASSIFICATION:</u>	ASTM C-27
<u>METHOD OF MANUFACTURE</u>	Dry Press
<u>MODULUS OF RUPTURE—PSI</u>	850—1200
<u>APPARENT POROSITY %</u>	16—19
<u>COLD CRUSHING P. S. I.</u>	4500—5500
<u>BULK DENSITY—lbs/cu ft.</u>	138—142
<u>REHEAT TEST</u> at 2910° F (1600°C)	-.2% —+7.0%

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.