

PRODUCT

SUPER HEATCRETE 33

HIGH PURITY, TABULAR ALUMINA CASTABLE

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	3300°F
ASTM C-401	Class G
Lbs. Required Dry Mix Per Cu. Ft.	184 lbs.
% Water by Weight Required for Casting	Approx. 7.5%
Bulk Density After Drying at 230°F	190 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	8000 - 12000 psi
MOR After Drying at 230°F	2000 - 2700 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	Negligible
After Heating to 3100°F	0.0 to -0.4%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	0.09%
Alumina	[Al ₂ O ₃]	94.9%
Iron Oxide	[Fe ₂ O ₃]	0.31%
Lime	[CaO]	4.8%

THERMAL CONDUCTIVITY BTU/SQ.FT./HR./°F/IN.

At 500°F	12.5
At 1500°F	10.3
At 2500°F	10.6

NOTE: All data subject to reasonable deviation and should not be used for specification purposes.

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MT. SAVAGE

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