

PRODUCT
SUPER HEATCRETE 32
HIGH ALUMINA CASTABLE
MEDIUM AGGREGATE

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
ASTM C-401	Class G
Lbs. Required Dry Mix Per Cu. Ft.	154 lbs.
% Water by Weight Required for Casting	Approx. 8 - 10%
Bulk Density After Drying at 230°F	159 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	3500 - 6000 psi
MOR After Drying at 230°F	600 - 1000 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	Negligible
After Heating to 3100°F	0.0 to +0.7%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	22.8%
Alumina	[Al ₂ O ₃]	70.9%
Iron Oxide	[Fe ₂ O ₃]	0.9%
Lime	[CaO]	2.7%

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

At 500°F	10.6
At 1500°F	9.6
At 2500°F	10.1

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

2940



MT. SAVAGE
SPECIALTY REFRACTORIES COMPANY • Pittsburgh, Pa. 15127 •