

PRODUCT
SUPER HEATCRETE 30
HIGH ALUMINA CASTABLE
MEDIUM AGGREGATE

REFRACTORIES
TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	3000°F
ASTM C-401	Class E
Lbs. Required Dry Mix Per Cu. Ft.	145 lbs.
% Water by Weight Required for Casting	Approx. 10%
Bulk Density After Drying at 230°F	150 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	2500 - 4000 psi
MOR After Drying at 230°F	800 - 1100 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	Negligible
After Heating to 3000°F	0.0 to +2.0%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	32.7%
Alumina	[Al ₂ O ₃]	59.3%
Iron Oxide	[Fe ₂ O ₃]	1.1%
Lime	[CaO]	5.1%

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

At 500°F	7.5
At 1500°F	7.5
At 2500°F	8.9

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

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