

PRODUCT
FUSED CRETE

**FUSED SILICA CASTABLE
MEDIUM AGGREGATE**

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	2000°F
ASTM C-401	Class A
Lbs. Required Dry Mix Per Cu. Ft.	119 lbs.
% Water by Weight Required for Casting	Approx. 12%
Bulk Density After Drying at 230°F	123 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	3000 - 4000 psi
MOR After Drying at 230°F	500 - 800 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	0.0 to -0.2%
After Heating to 1800°F	-0.1 to -0.4%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	71.2%
Alumina	[Al ₂ O ₃]	23.6%
Iron Oxide	[Fe ₂ O ₃]	Trace
Lime	[CaO]	5.1%

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

At 500°F	4.0
At 1000°F	4.5
At 1800°F	5.0

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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