

PRODUCT
SAVAGE 85

85% ALUMINA CASTABLE

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	3250°F
ASTM C-401	Class G
Lbs. Required Dry Mix Per Cu. Ft.	158 lbs.
% Water by Weight Required for Casting	Approx. 9%
Bulk Density After Drying at 230°F	162 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	2550 - 3600 psi
MOR After Drying at 230°F	800 - 1200 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	Negligible
After Heating to 3100°F	0.0 to +0.5%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	10.8%
Alumina	[Al ₂ O ₃]	84.8%
Iron Oxide	[Fe ₂ O ₃]	0.8%
Lime	[CaO]	2.4%

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

At 500°F	11.6
At 1500°F	10.4
At 2500°F	11.3

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

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MT. SAVAGE

SPECIALTY REFRACTORIES COMPANY • Pittsburgh, Pa. 15127 •