

PRODUCT

DELTA t CRETE 23-M

HIGH STRENGTH, INSULATING CASTABLE

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	2300°F
ASTM C-401	Class Q
Lbs. Required Dry Mix Per Cu. Ft.	75 lbs.
% Water by Weight Required for Casting	Approx. 30%
Bulk Density After Drying at 230°F	80 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	900 - 1600 psi
MOR After Drying at 230°F	250 - 360 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	0.0 to -0.5%
After Heating to 2300°F	-0.6 to -1.1%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	41.7%
Alumina	[Al ₂ O ₃]	34.9%
Iron Oxide	[Fe ₂ O ₃]	3.9%
Lime	[CaO]	15.5%

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

At 500°F	2.3
At 1000°F	2.5
At 1500°F	2.8

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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