

PRODUCT

DELTA t CRETE 20-M

HIGH STRENGTH, INSULATING CASTABLE

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	2100°F
ASTM C-401	Class P
Lbs. Required Dry Mix Per Cu. Ft.	62 lbs.
% Water by Weight Required for Casting	Approx. 35%
Bulk Density After Drying at 230°F	67 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	600 - 1050 psi
MOR After Drying at 230°F	200 - 280 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	0.0 to -0.5%
After Heating to 1900°F	-0.3 to -0.9%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	35.0%
Alumina	[Al ₂ O ₃]	39.1%
Iron Oxide	[Fe ₂ O ₃]	7.4%
Lime	[CaO]	17.0%

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

At 500°F	2.1
At 1000°F	2.3
At 1500°F	2.7

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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