

PRODUCT

**DELTA t CRETE 20-LI**

**LOW IRON,  
LIGHTWEIGHT INSULATING CASTABLE**

**REFRACTORIES**

**TECHNICAL DATA**

PHYSICAL PROPERTIES

Maximum Service Temperature	2000°F
ASTM C-401	Class O
Lbs. Required Dry Mix Per Cu. Ft.	33 lbs.
% Water by Weight Required for Casting	Approx. 95%
Bulk Density After Drying at 230°F	38 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	250 - 350 psi
MOR After Drying at 230°F	60 - 110 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	0.0 to -0.2%
After Heating to 1900°F	-0.4 to -1.4%

CHEMICAL ANALYSIS

Silica	[SiO <sub>2</sub> ]	43.1%
Alumina	[Al <sub>2</sub> O <sub>3</sub> ]	41.1%
Iron Oxide	[Fe <sub>2</sub> O <sub>3</sub> ]	0.3%
Lime	[CaO]	12.6%

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

At 500°F	1.0
At 1000°F	1.2
At 1500°F	1.4

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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