

PRODUCT

**DELTA t CRETE 23-M-LI**

**LOW IRON, LIGHTWEIGHT  
HIGH STRENGTH CASTABLE**

**REFRACTORIES**

**TECHNICAL DATA**

PHYSICAL PROPERTIES

Maximum Service Temperature	2300°F
ASTM C-401	Class Q
Lbs. Required Dry Mix Per Cu. Ft.	70 lbs.
% Water by Weight Required for Casting	Approx. 32%
Bulk Density After Drying at 230°F	76 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	750 - 1500 psi
MOR After Drying at 230°F	175 - 300 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 <sub>2</sub> ]	42.8%
Alumina	[Al <sub>2</sub> O <sub>3</sub> ]	43.5%
Iron Oxide	[Fe <sub>2</sub> O <sub>3</sub> ]	1.4%
Lime	[CaO]	11.8%

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

At 500°F	2.1
At 1000°F	2.4
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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