

PRODUCT
DELTA t CRETE 26-LI

**LOW IRON,
LIGHTWEIGHT, INSULATING CASTABLE**

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	2600°F
ASTM C-401	Class R
Lbs. Required Dry Mix Per Cu. Ft.	50 lbs.
% Water by Weight Required for Casting	Approx. 55%
Bulk Density After Drying at 230°F	54 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	270 - 500 psi
MOR After Drying at 230°F	90 - 150 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	0.0 to -0.3%
After Heating to 2500°F	0.4 to 2.4%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	37.2%
Alumina	[Al ₂ O ₃]	53.1%
Iron Oxide	[Fe ₂ O ₃]	0.6%
Lime	[CaO]	7.1%

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

At 500°F	1.4
At 1500°F	1.9
At 2000°F	2.3

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

2806



MT. SAVAGE

SPECIALTY REFRACTORIES COMPANY • Pittsburgh, Pa. 15127 •