

PRODUCT

DELTA t CRETE 20-35

LIGHTWEIGHT CASTABLE

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	2000°F
ASTM C-401	Class O
Lbs. Required Dry Mix per Cu. Ft.	30 lbs.
% Water by Weight Required for Casting	Approx. 100%
Bulk Density After Drying at 230°F	35 lbs./cu.ft.
MOR After Drying at 230°F	49 – 90 psi
<u>Cold Crushing Strength</u>	
After Drying at 230°F	150 – 250 psi
After Firing at 1500°F	100 – 200 psi
<u>Permanent Linear Change</u>	
After Drying at 230°F	Negligible
After Heating to 1500°F	0.0 to -0.4%
After Heating to 1800°F	0.1 to -0.8%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	41.5%
Alumina	[Al ₂ O ₃]	33.6%
Iron Oxide	[Fe ₂ O ₃]	7.2%
Lime	[CaO]	14.2%

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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