

PRODUCT

DELTA t CRETE 26-M
LIGHTWEIGHT, HIGH STRENGTH
FIRECLAY CASTABLE

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	2600°F
ASTM C-401	Class R
Lbs. Required Dry Mix per Cu. Ft.	78 lbs.
% Water by Weight Required for Casting	Approx. 30%
Bulk Density After Drying at 230°F	81 lbs./cu.ft.
MOR After Drying at 230°F	260 – 370 psi
<u>Cold Crushing Strength</u>	
After Drying at 230°F	780 – 1110 psi
After Firing at 1500°F	400 – 700 psi
<u>Permanent Linear Change</u>	
After Drying at 230°F	Negligible
After Heating to 1500°F	0.0 to -0.5%
After Heating to 2500°F	0.0 to -0.9%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	43.3%
Alumina	[Al ₂ O ₃]	44.1%
Iron Oxide	[Fe ₂ O ₃]	1.6%
Lime	[CaO]	7.9%

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

At 500°F	2.4
At 1500°F	2.6
At 2000°F	3.0

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

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