

PRODUCT

**DELTA t CRETE 28P**  
**PUMPABLE INSULATING CASTABLE**

**REFRACTORIES**

**TECHNICAL DATA**

PHYSICAL PROPERTIES

Maximum Service Temperature	2800°F
Lbs. Required Dry Mix per Cu. Ft.	85 lbs.
% Water by Weight Required for Casting	Approx. 30%
Bulk Density After Drying at 230°F	87 lbs./cu.ft.
MOR After Drying at 230°F	250 – 500 psi
<u>Cold Crushing Strength</u>	
After Drying at 230°F	600 – 1000 psi
After Heating to 1500°F	300 – 500 psi
<u>Permanent Linear Change</u>	
After Drying at 230°F	0.0 to -0.2%
After Heating to 1500°F	0.0 to -0.4%
After Heating to 2500°F	0.0 to -0.7%

CHEMICAL ANALYSIS

Silica	[SiO <sub>2</sub> ]	38.3%
Alumina	[Al <sub>2</sub> O <sub>3</sub> ]	51.8%
Iron Oxide	[Fe <sub>2</sub> O <sub>3</sub> ]	0.9%
Lime	[CaO]	6.7%
Titania	[TiO <sub>3</sub> ]	1.4%
Other		0.9%

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

At 500°F	3.1
At 1500°F	3.6
At 2500°F	4.8

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

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