



## XERCAST 3200

### PRODUCT DATA SHEET

**XERCAST 3200** is a low-cement castable, which is designed to provide minimum porosity, linear change and high fired strengths. This material will with stand severe high temperatures and abuses in various applications.

<b>Maximum Service Temperature</b>	<b>3200°F</b>
<b>Water Required for Mixing (as a % of weight)</b>	<b>4.7 – 5.7 %</b>
<b>Material Required Per Cubic Foot</b>	<b>170 lbs.</b>
<b>Packaging</b>	<b>64 - 55lb bags / pallet 1,000+lb Super Sacks</b>

#### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	CaO	TiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	Alkalis
77.7	16.2	1.8	2.9	1.2	0.2

#### TYPICAL PHYSICAL PROPERTIES

Test Temperature (°F)	Bulk Density (pcf)	C.C.S. (psi)	CMOR (psi)	Apparent Porosity (%)	Permanent Linear Change (%)
220	166 - 172	10000	2000	8 - 12	Nil
1500	166 - 172	10000	2000	14 - 17	-0.3 to 0.0
2000	165 - 170	10000	2000	15 - 18	-0.3 to +0.1
2732	163 - 167	9000	1800	16 - 19	+0.7 to +1.3

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