



## XERCAST 99

## PRODUCT DATA SHEET

**XERCAST 99** is a high purity, tabular alumina based castable. This material is a low iron, low silica, specialty low-cement castable with moderate self-flow, suitable for applications with service temperatures up to 3400°F.

<b>Maximum Service Temperature</b>	<b>3400°F</b>
<b>Water Required for Mixing (as a % of weight)</b>	<b>3.5 – 4.5 %</b>
<b>Material Required Per Cubic Foot</b>	<b>200 lbs.</b>
<b>Packaging</b>	<b>64 - 55lb bags / pallet 1,000+lb Super Sacks</b>

### TYPICAL CHEMICAL ANALYSIS

$Al_2O_3$	$SiO_2$	CaO	$TiO_2$	$Fe_2O_3$	Alkalis
98.3	0.1	1.2	0.0	0.1	0.1

### TYPICAL PHYSICAL PROPERTIES

Test Temperature (°F)	Bulk Density (pcf)	C.C.S. (psi)	CMOR (psi)	Apparent Porosity (%)	Permanent Linear Change (%)
220	196 - 201	10000	1200	11 - 15	-0.2 to 0.0
1500	194 - 199	8000	1400	13 - 17	-0.2 to 0.0
2550	194 - 199	14000	4000	13 - 17	-0.2 to 0.0
2910	196 - 201	15000	4000	12 - 16	-0.3 to 0.0

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