



## XERCAST 95

### PRODUCT DATA SHEET

**XERCAST 95** is a tabular alumina based specialty castable. This material is a low iron, low-cement castable suitable for applications with service temperatures up to 3300°F.

<b>Recommended Service Temperature</b>	<b>3300°F</b>
<b>Water Required for Mixing (as a % of weight)</b>	<b>5.5 - 6.0%</b>
<b>Material Required Per Cubic Foot</b>	<b>185 lbs.</b>
<b>Packaging</b>	<b>64 - 55lb bags /pallet 1,000+lb Super Sacks</b>

#### TYPICAL CHEMICAL ANALYSIS

<b>Al<sub>2</sub>O<sub>3</sub></b>	<b>SiO<sub>2</sub></b>	<b>CaO</b>	<b>Fe<sub>2</sub>O<sub>3</sub></b>	<b>Alkalies</b>
96.6	2.0	1.2	0.1	0.1

#### TYPICAL PHYSICAL PROPERTIES

<b>Test Temperature (°F)</b>	<b>Bulk Density (pcf)</b>	<b>C.C.S. (psi)</b>	<b>CMOR (psi)</b>	<b>Apparent Porosity (%)</b>	<b>Permanent Linear Change (%)</b>
220	182 - 188	5000	1000	13 - 16	-0.1 to 0.0
1500	180 - 186	6000	1200	16 - 20	-0.3 to 0.0
2000	180 - 0186	10000	2000	16 - 20	-0.3 to 0.0
2910	190 - 198	>25000	3000	10 - 14	-0.3 to 0.0

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